

SITE CHARACTERIZATION AND REMEDIATION PLAN

Prepared For:

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

Site Information:

Tomcat 21 Federal 1
Incident Number nRM2016146439

Unit I, Section 16, Township 23 South, Range 32 East

Lea County, New Mexico

(32.30251°, -103.67111°)

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



SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy Production Company, LP (Devon), presents the following Site Characterization and Remediation Plan (SCRP) detailing delineation soil sampling activities, associated with an inadvertent release of produced water at the Tomcat 21 Federal 1 (Site). Based on laboratory analytical results, Devon proposes this SCRP, which summarizes initial response efforts, sampling activities and details remediation objectives to rectify environmental impacts at the Site.

SITE LOCATION AND RELEASE BACKGROUND

The Site is associated with oil and gas exploration and production operations located on State Land, managed by the New Mexico State Land Office (NMSLO). The subject release occurred approximately 1-mile northeast of production well, assigned (API 30-025-33356) (**Figure 1** in **Appendix A**).

On May 24, 2020, a 4-inch poly flowline developed a hole and resulted in approximately 68 barrels (bbls) of produced water to be released onto a Right-Of-Way (ROW), hereafter referred to as the Area of Concern (AOC). Due to the remote location and of the release and the sandy nature of the soil, no fluids could be recovered. Devon immediately notified the NMSLO and NMOCD via email on May 25, 2020, and reported the release on a Corrective Action Form C-141 (Form C-141), which was received by the NMOCD June 9, 2020, and was assigned Incident Number nRM2016146439.

Based on a desktop review, the AOC is located on a ROW on an active NMSLO oil and gas lease (V043400004) that is currently managed by Devon. The AOC has the potential to impact adjacent ROWs in the area, so a Right-of-Entry (ROE) for remediation was filed on February 27, 2025, and subsequently approved on March 14, 2025, under permit number RE-7442, by the NMSLO Commercial Resources Division.

A Characterization Variance Request (CVR) proposing to remediate to Table I depth to groundwater (DTW) standards of greater than 100 feet below ground surface (bgs), based on recent, regional DTW data, was submitted by Etech on March 24, 2025, and subsequently approved by the NMOCD on March 26, 2025.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As previously described in the CVR, the Site was characterized 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 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.

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**. All referenced well records are included in **Appendix B**.

Based on the CVR previously approved by the NMOCD, the following closure criteria was applied:



Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria [†]
Chloride	Environmental Protection Agency (EPA) 300.0	20,000 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	2,500 mg/kg
TPH-Gasoline Range Organics (GRO)+ TPH-Deisel Range Organics (DRO)	EPA 8015 M/D	1,000 mg/kg
Benzene	EPA 8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	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.

CULTURAL PROPERTIES PROTECTION RULE

Per the requirements set forth by the NMSLO Cultural Properties Protection (CPP) Rule (19.2.24 NMAC), Etech, on behalf of Devon consulted with Lone Mountain Archaeological Services, Inc. (Lone Mountain) to perform an intensive pedestrian survey on undisturbed areas on the NMSLO-managed land on January 16, 2025. The pedestrian survey yielded negative with no archaeological sites and/or historic properties observed during the investigation. As a result, it was determined that Devon had authorization to proceed with remediation activities without cultural resource concerns. A copy of the New Mexico Cultural Resources Information System (NMCRIS) Cultural Resources Cover Sheet (Activity Number: 157605) is included in **Appendix C**.

BIOLOGICAL SENSITIVE AREAS

Based on a desktop review, the Site overlays the Lesser Prairie Chicken Habitat (Isolated Population Area). Under the established Timing Limitation Stipulation, to minimize potential impacts on this species, all work activities on the Site will be restricted during the critical nesting and breeding period from March 1st to June 15th. During this period, no work will occur between the hours of 0300 to 0900 to reduce disturbances caused by noise and/or human activity.

Given the AOC proximity to a Federal Land boundary, Etech, on behalf of Devon, consulted with a Bureau of Land Management (BLM) botanist for an assessment of the area. The botanist conducted a review and confirmed that no other Special Status Species (SSPS) were identified within the vicinity of the Site. Consequently, the BLM concluded that no further biological surveys were necessary at this time. The complete email correspondence documenting this evaluation can be referenced in **Appendix I**. According to the U.S Fish and Wildlife Service (USFWS) and National Marine Fisheries Services (NMFS), no critical habitats that support threatened or endangered (T/E) species were identified within the Area of Potential Effect (APE) (**Appendix D**).

DELINEATION SOIL SAMPLING ACTIVITIES

From April to June 2025, Etech conducted delineation activities to assess the presence or absence of residual soil impacts associated with the AOC, based on the information provided in the Form C-141. Thirty-four delineation boreholes (BH01 through BH34) were advanced via hand auger within and around the AOC, which 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, representing the highest observed field screening concentration(s) and the greatest depth. Field screening results and soil observations are included on soil sampling logs in **Appendix E**. The delineation soil sample locations are shown in **Figure 2** in **Appendix A**. Photographic documentation of delineation activities is included in **Appendix F**.



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

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for soil samples surrounding the AOC were compliant with the Site Closure Criteria and/or reclamation standard. Additionally, BTEX concentrations were below the Site Closure Criteria for all delineation soil samples.

Laboratory analytical results for soil samples within the AOC indicated that chloride concentrations exceed the Site Closure Criteria and/or reclamation standard up to 4 feet bgs. Elevated chloride concentrations were characterized by concentrations ranging from 826 mg/kg to 6,130 mg/kg.

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

PROPOSED REMEDIATION WORK PLAN

Residual soil impacts have been sufficiently vertically and horizontally delineated as defined by the Site Closure Criteria. Chloride concentrations exceedances above the Site Closure Criteria were presented within the AOC, for more than half of the delineation soil sample locations. Further remedial action is required to address residual soil impacts.

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

- The horizontal periphery of the AOC has been sufficiently defined, and
- Residual impacts have been identified within the AOC up to 4 feet bgs.

Based on the conclusions drawn above, Devon proposes to the following corrective actions:

- Excavation(s) will be advanced laterally and vertically until the Site Closure Criteria and/or reclamation standard is met. Based on current delineation soil sampling results, a minimum of 716 cubic yards (4,831 square feet up to 4 feet bgs) will be excavated based on delineation analytical results. The proposed excavation extents are shown on Figure 3 in Appendix A.
- Impacted soil will be transported to a nearby landfill facility for disposal under approved Devon waste manifests.
- It is noted that a delineation soil sample notification was not submitted for soil samples collected on April 28, 2025, for delineation soil samples BH01 through BH05. Vertical and horizontal delineation will be achieved through the collection of confirmation floor and side wall soil samples. It is anticipated that these confirmation soil samples, collected within the vicinity of BH01 through BH05, will meet the applicable closure criteria and/or reclamation standard per 19.15.29.12 NMAC.
- Following the completion of excavation activities, 5-point composite confirmation soil samples will be collected from the excavation floor and sidewalls at a frequency not to exceed 200 square feet per soil sample. Confirmation soil samples will be handled and analyzed for COCs by an accredited laboratory as previously described. Prior to "final" confirmation soil sampling event, a 48-hour sampling notification will be submitted to the NMOCD and NMSLO in accordance with 19.15.29.12D(1(a)) NMAC, to provide the opportunity to witness the sampling event.



Joseph S. Hernandez

Senior Managing Geologist

Upon receipt of confirmation soil sample laboratory analytical results indicating compliance with the
applicable Site Closure Criteria, Devon will backfill the excavation(s) with clean, locally sourced soil
and restored to "as close to its original state as possible". The total disturbed area will be reseeded
with the appropriate NMSLO and BLM seed mix according to NMSLO and BLM guidelines.

PROPOSED SCHEDULE

Upon notice of NMOCD approval of this SCRP, Devon will begin the proposed remediation activities as outlined above within 90 days. Devon believes this SCRP meets the requirements set forth in NMAC 19.15.29.13 and to be protective of human health, the environment, and groundwater. As such, Devon respectfully requests to proceed with the proposed remediation outline.

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

Sincerely,

Etech Environmental and Safety Solutions, Inc.

Erick Hererra Project Geologist

Ericl &

cc: Jim Raley, Devon

New Mexico Oil Conservation Division

State Land Office



Appendices:

Appendix A: Figure 1: Site Map

Figure 1A: Site Characterization – Groundwater

Figure 1B: Site Characterization – Surface Receptors

Figure 1C: Site Characterization – Subsurface Receptors

Figure 2: Proposed Delineation Locations

Figure 3: Proposed Excavation Areas

Appendix B: Referenced Well Records

Appendix C: NMSLO Cultural Resources Cover Sheet

Appendix D: U. S Fish & Wildlife Service Threatened and Endangered Species Report

Appendix E: Soil Sampling Logs
Appendix F: Photographic Log

Appendix G: Tables

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

Appendix I: Correspondence & Notifications

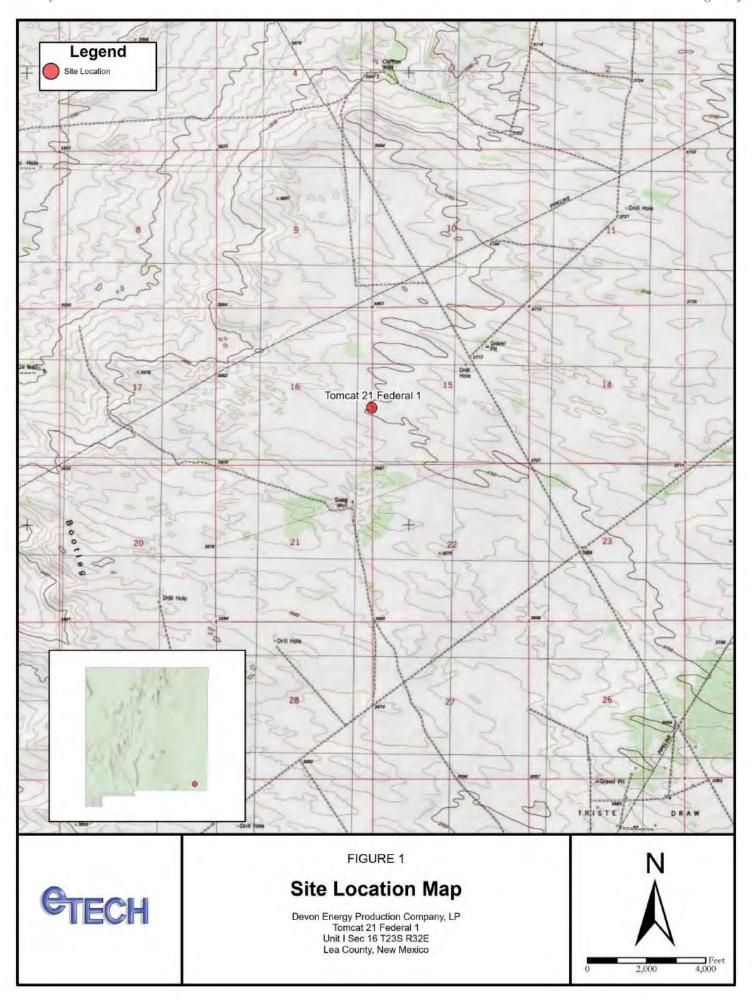
Appendix J: Approved Characterization Variance Request

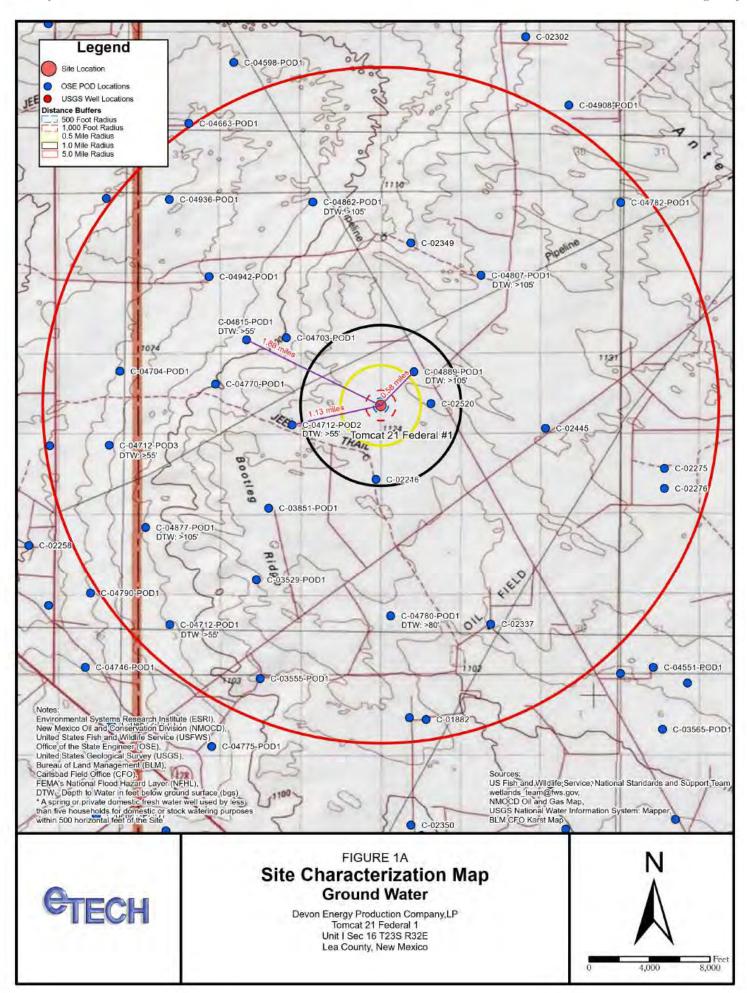
APPENDIX A

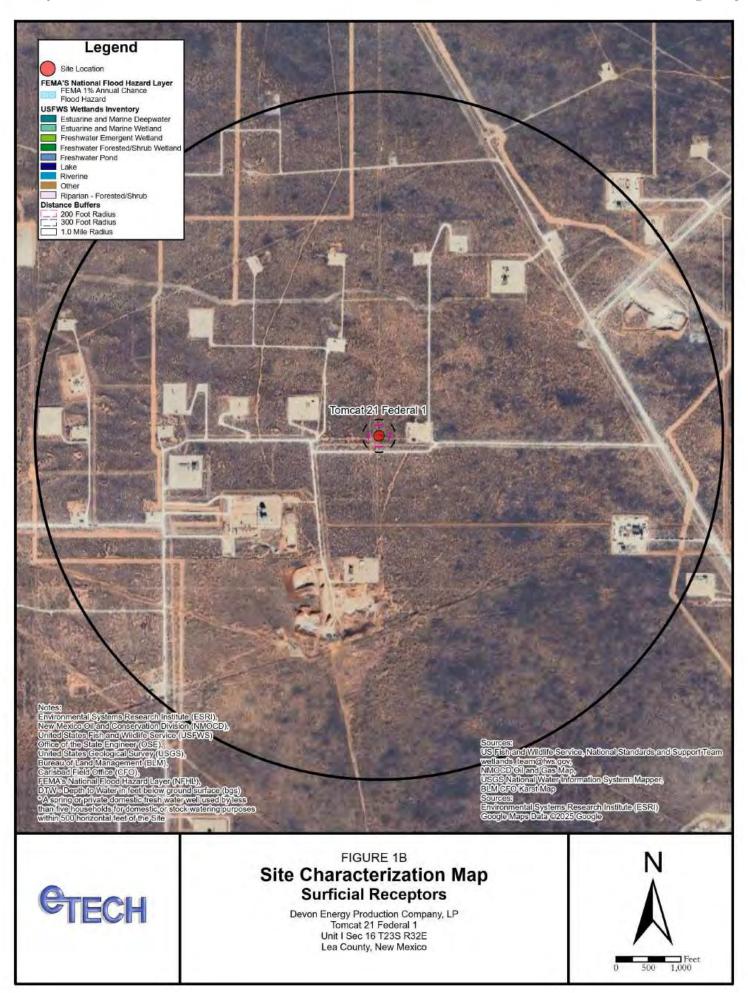
Figures

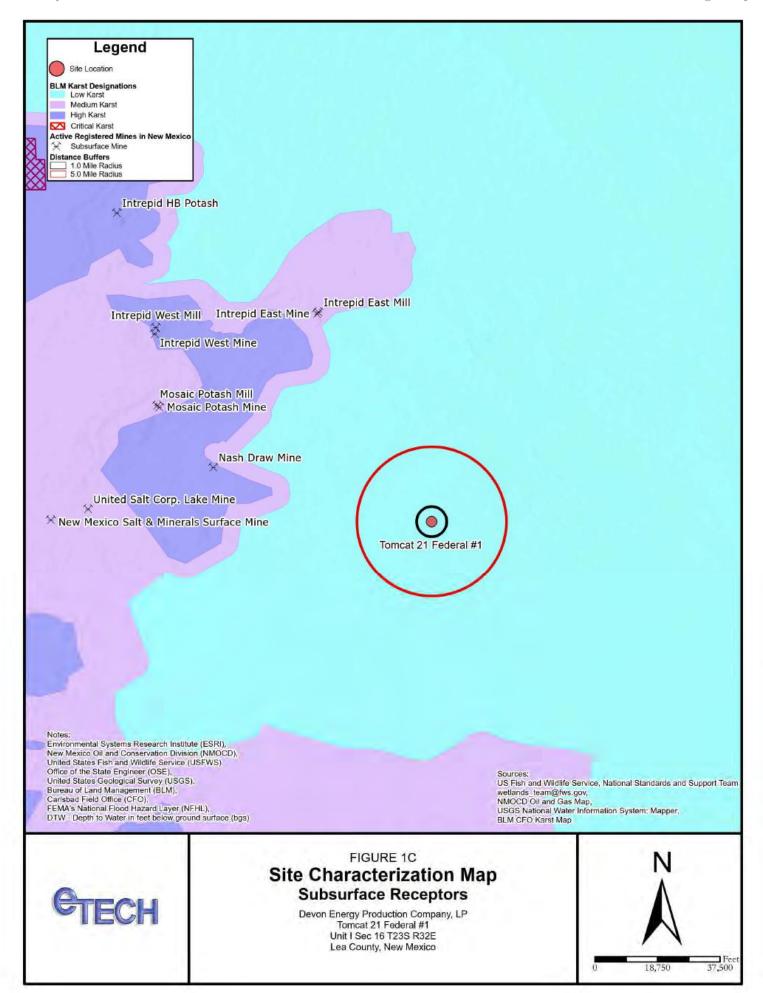
P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213

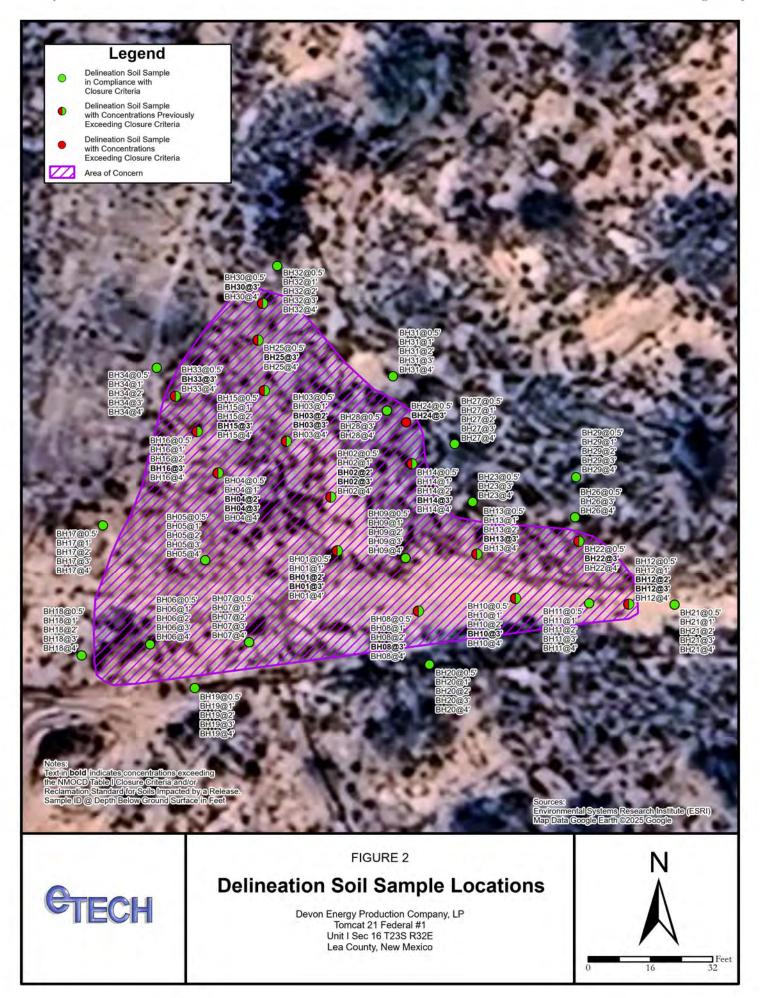


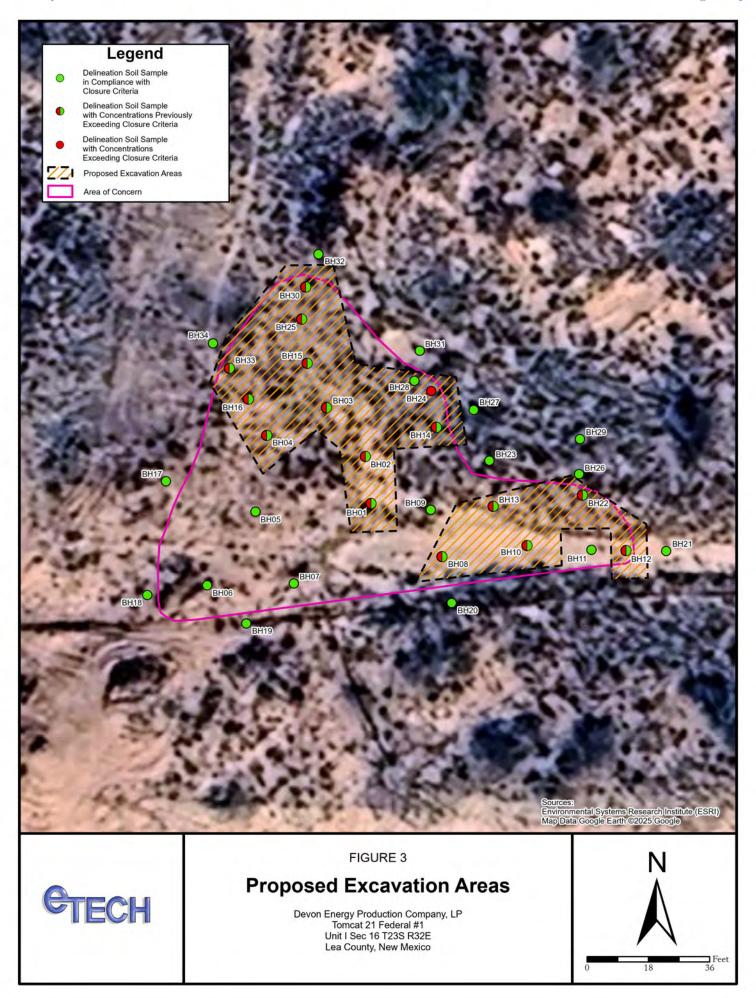












APPENDIX B

Referenced Well Records

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





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW####
in the POD suffix
indicates
the POD has been
replaced replace
& no longer ocroserves a water
right file.)

(R=Potential (R=P

(R=POD has been replaced, O=orphaned, C=the file is

(quarters are smallest to

serves a water right file.)	C=the file is closed)			smalle larges									(meters)		(In feet)	
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C 04889 POD1		CUB	LE	SE	NE	NW	15	23S	32E	625771.5	3575426.3	•	949	105		
<u>C 02216</u>		CUB	LE	NE	NE	SE	21	23S	32E	625035.0	3573261.0 *	•	1483	585	400	185
<u>C 04712 POD2</u>		CUB	LE	SE	SE	SE	17	23S	32E	623331.9	3574331.5	•	1827	55		
C 04815 POD1		CUB	LE	NW	SE	SW	80	23S	32E	622391.9	3576025.7	•	3008	55		
<u>C 03851 POD1</u>		CUB	LE	SW	SW	SE	20	23S	32E	622879.6	3572660.0	•	3053	1392	713	679
C 04807 POD1		CUB	LE	NW	NE	NW	11	23S	32E	627099.7	3577375.0		3298	105		
<u>C 02349</u>		CUB	ED	SE	NE	SW	03	23S	32E	625677.9	3578003.4	•	3309	525		
<u>C 04780 POD1</u>		CUB	LE	NW	SW	NW	34	23S	32E	625363.6	3570521.7	•	4227	80		
C 04862 POD1		CUB	LE	NE	NW	NW	04	23S	32E	623697.0	3578798.5	•	4296	105	78	27
C 03529 POD1		С	LE	NE	SE	SW	29	23S	32E	622651.2	3571212.5	•	4303	550		
<u>C 04704 POD1</u>		CUB	ED	SW	NE	NE	13	23S	31E	619854.4	3575363.5	•	5295			
C 04877 POD1		CUB	LE	SE	NW	NW	30	23S	32E	620404.8	3572240.0	•	5331	105		
<u>C 04712 POD3</u>		CUB	ED	SE	NW	NE	24	23S	31E	619650.7	3573877.9	•	5530	55		
<u>C 02275</u>		CUB	LE	SW	SW	NE	19	23S	33E	630843.0	3573557.0 *		5851	650	400	250
<u>C 02276</u>		CUB	LE	SW	NW	SE	19	23S	33E	630848.0	3573154.0 *		5950	650	400	250
<u>C 03555 POD1</u>		С	LE	NE	NE	NW	05	24S	32E	622748.5	3569233.6	•	5994	600	380	220
<u>C 04712 POD1</u>		CUB	LE	NW	SE	NW	31	23S	32E	620917.2	3570289.2		6118	55		
<u>C 03527 POD1</u>		С	LE	NW	NE	SW	03	24S	32E	625769.7	3568487.2		6289	500		
<u>C 04774 POD1</u>		CUB	ED	SE	NE	NE	23	23S	31E	618456.0	3573856.4		6715	105		
C 04663 POD1		CUB	LE	SW	NW	NE	31	22S	32E	621181.3	3580341.4		6841	110		
<u>C 04726 POD1</u>		CUB	ED	NW	NW	SE	01	23S	31E	619538.3	3578821.3		6907			
<u>C 04790 POD1</u>		CUB	ED	SE	SE	SW	25	23S	31E	619309.4	3570904.8		6957	55		
C 04598 POD1		CUB	LE	NE	SW	NW	29	22S	32E	622069.2	3581570.2		7475	56		
<u>C 04712 POD4</u>		CUB	ED	NW	SE	SW	14	23S	31E	617535.4	3574316.2		7589	55		
<u>C 04551 POD1</u>		CUB	LE	SE	SE	SW	31	23S	33E	630671.0	3569556.5		7601			
<u>C 02258</u>		C	ED		SW	NE	26	23S	31E	618055.0	3571853.0 *		7626	662		
<u>C 04775 POD1</u>		CUB	LE	SE	SE	SE	06	24S	32E	621789.3	3567860.4		7642	105		
<u>C 02277</u>		CUB	LE	NE	SW	SE	20	23S	33E	632663.0	3572970.0 *		7755	550	400	150
<u>C 04855 POD1</u>		CUB	ED	NE	SW	SW	11	23S	31E	617417.6	3575936.7		7787	105		
<u>C 04746 POD1</u>		CUB	ED	SW	SE	SW	36	23S	31E	619225.7	3569417.8		7937	105		

Average Depth to Water: 395 feet

Minimum Depth: 78 feet

Maximum Depth: 713 feet

Record Count: 30

Water Column/Average Depth to Water

PAGE LOFT

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	10	20	10	Sand with Gravel, Light Div	own to Tim, Medium to Course with Gra	ref	Y IN		
		30	10	Gravel with Sand, White to	Tan, Small to Large with Medium to Con	rse	V /N		
	20	40	10	Sand with Ciravel, Medium	io Light Brown, Course to Fine with Cra	rel	Y /N		
	30	50	10	Sand with Gravel, Light E	frown to Tan, Course to Fine with Grave		Y /N		
	40	60	10	Silty Sand, Light B	trown to Red, Coarse to Very Fine		Y /N		
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PAGE 2 OF 2

	DEPTH (6	ret bgl)	L. 3. 3. 10. 10	COLOR AND TYPE OF MATERIAL ENCOUNTERED -	WATER	ESTIMATED YIELD FOR				
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Released to Imaging: 9/5/2025 2:58:07 PM

LOCATION Num 23.32.17.44/4

WELL TAG ID NO.

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:

743189 C 04712

File Nbr:

Well File Nbr: C 04712 POD2

Apr. 04, 2023

VERTEX RESOURCES P.O. BOX 936 ROSWELL, NM 88202

Greetings:

The above numbered permit was issued in your name on 02/21/2023.

The Well Record was received in this office on 04/04/2023, stating that it had been completed on 03/09/2023, 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 02/21/2024.

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

Sincerely,

Maret Thompson (575) 622-6521

drywell



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Mike A. Hammen, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nor: 757440 File Whr: C 04815

Well File Nbr: C 04815 POD1

Apr. 25, 2024

CHANCE DIXON
VERTEX RESOURCE SERVICES INC
3101 BOYD DRIVE
CARLEBAD, NM 88220

Greetings:

The above numbered permit was issued in your name on \$3/16/2024.

The Well Record was received in this office on 04/25/2024, stating that it had been completed on 04/16/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 MMAC.

Please note that another well can be drilled under this permit if the well to completed and the well log filed on or before 03/14/2025.

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

Sincerely,

Rodolfo Chavez (\$75)622-6521

drywell

APPENDIX C

NMSLO Cultural Resources Cover Sheet

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





Stephanie Garcia Richard, Commissioner of Public Lands State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

Exhibit Type (select one)

(if applicable)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has not been previously surveyed or has not been surveyed to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

FIU	Deta	113.
,	 	

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

APPENDIX D

U.S Fish & Wildlife Service Threatened and Endangered Species Report

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



IPaC

U.S. Fish & Wildlife Service

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.



Local office

New Mexico Ecological Services Field Office

\((505) 346-2525

(505) 346-2542

2105 Osuna Road Ne Albuquerque, NM 87113-1001

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

- 1. Draw the project location and click CONTINUE.
- 2. Click DEFINE PROJECT.
- 3. Log in (if directed to do so).
- 4. Provide a name and description for your project:
- 5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the <u>Ecological Services Program</u> of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact <u>NOAA Fisheries</u> for <u>species under their jurisdiction</u>.

- 1. Species listed under the <u>Endangered Species Act</u> are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the <u>listing status page</u> for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
- 2. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Birds

NAME STATUS

Lesser Prairie-chicken Tympanuchus pallidicinctus

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/1924

Endangered

Northern Aplomado Falcon Falco femoralis septentrionalis

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/1923

EXPN

Endangered

Proposed Threatened

Clams

NAME

Texas Hornshell Popenaias popeii

Wherever found

There is proposed critical habitat for this species. Your location

does not overlap the critical habitat.

https://ecos.fws.gov/ecp/species/919

Insects

NAME STATUS

Monarch Butterfly Danaus plexippus

Wherever found

There is proposed critical habitat for this species. Your location

does not overlap the critical habitat.

https://ecos.fws.gov/ecp/species/9743

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act ² and the Migratory Bird Treaty Act (MBTA) ¹. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The <u>data</u> in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the <u>Supplemental Information on Migratory Birds and Eagles document</u> to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the <u>Avian Knowledge Network (AKN)</u>. The AKN data is based on a growing collection of <u>survey, banding, and citizen science datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle (<u>Bald and Golden Eagle Protection Act</u> requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests

might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA) ¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior <u>authorization</u> by the Department of Interior U.S. Fish and Wildlife Service (FWS).

- 1. The Migratory Birds Treaty Act of 1918.
- 2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/tibrary/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

The data in this location indicates that no migratory birds of concern have been observed in this area. This does not mean birds of concern are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine what migratory birds of concern may be present (e.g. your local FWS field office, state surveys, your own surveys).

Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Avoidance & Minimization Measures for Birds describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of <u>Birds of Conservation Concern (BCC)</u> and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the <u>Bald and Golden Eagle Protection Act</u> and those species marked as "Vulnerable". See the FAQ "What are the

levels of concern for migratory birds?" for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the <u>Avian Knowledge Network (AKN)</u>. The AKN data is based on a growing collection of <u>survey, banding, and citizen science datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle (<u>Bald and Golden Eagle Protection Act</u> requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the Rapid Avian Information Locator (RAIL) Tool.

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the <u>Avian Knowledge Network (AKN)</u>. This data is derived from a growing collection of <u>survey, banding, and citizen</u> science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the <u>RAIL Tool</u> and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

- 1. "BCC Rangewide" birds are <u>Birds of Conservation Concern</u> (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
- 2. "BCC BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and

3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the <u>Bald and Golden Eagle Protection Act</u> requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Facilities

Wildlife refuges and fish hatcheries

Refuge and fish hatchery information is not available at this time

Wetlands in the National Wetlands Inventory (NWI)

Impacts to <u>NWI wetlands</u> and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local <u>U.S. Army Corps of Engineers District</u>.

This location did not intersect any wetlands mapped by NWI.

Released to Imaging: 9/5/2025 2:58:07 PM

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

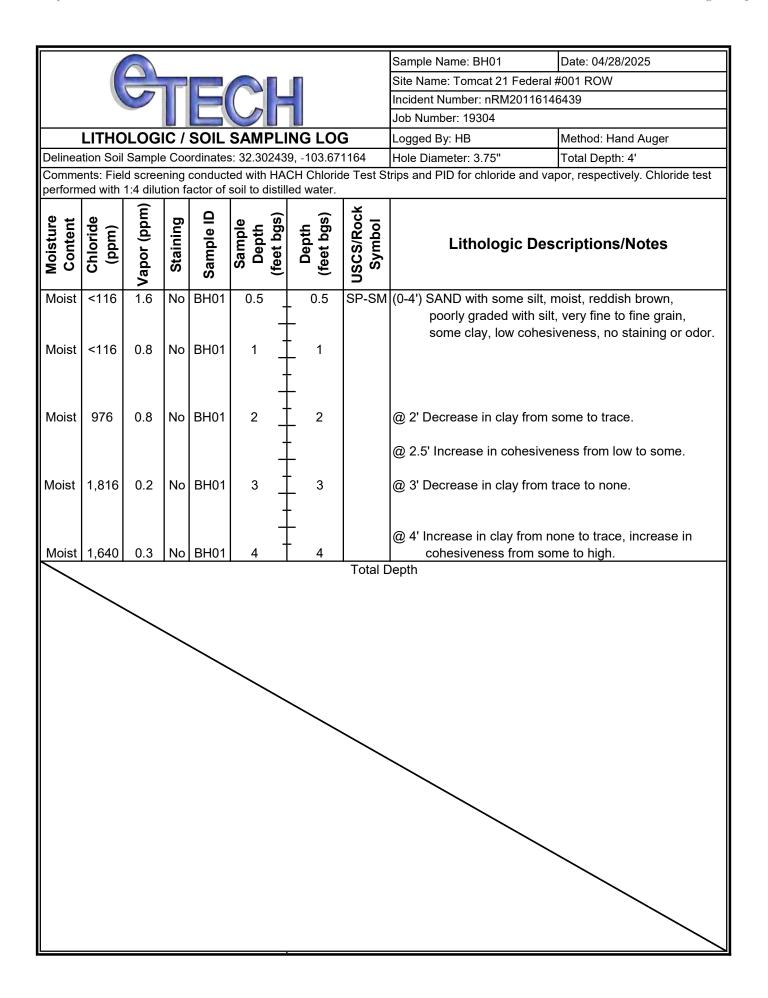
Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

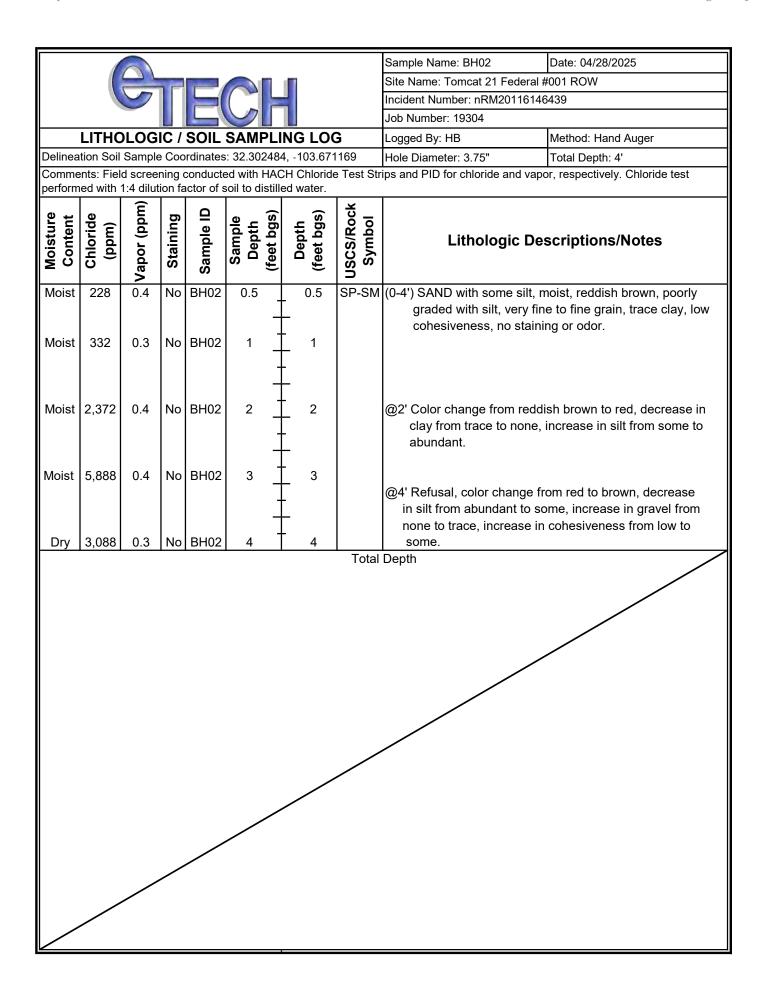
APPENDIX E

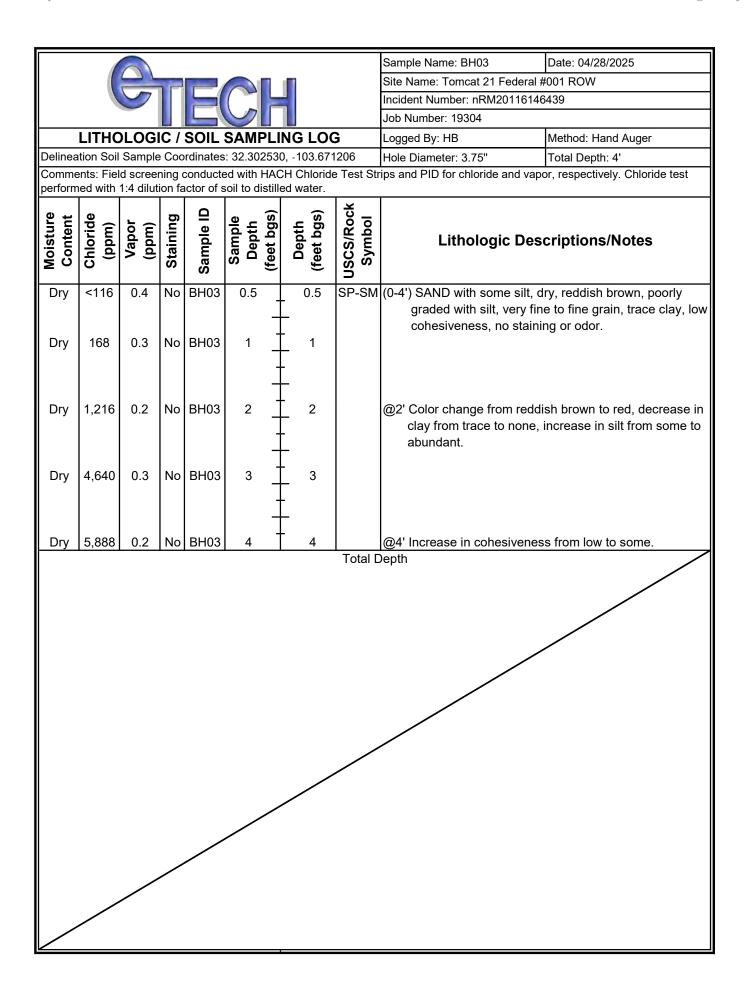
Soil Sampling Logs

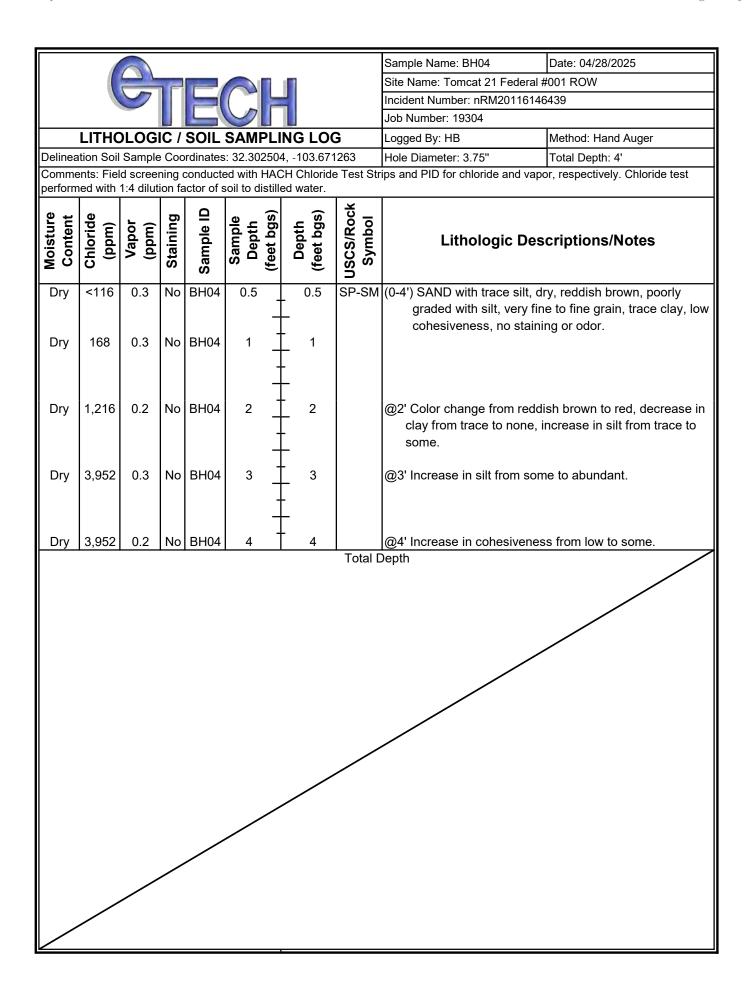
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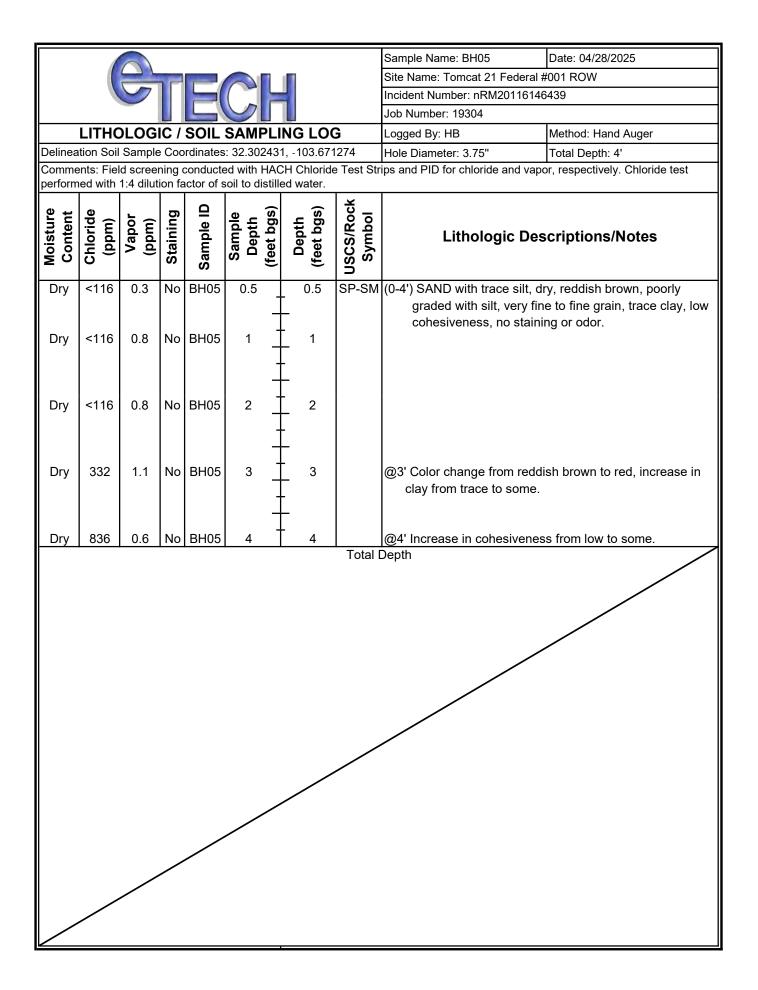


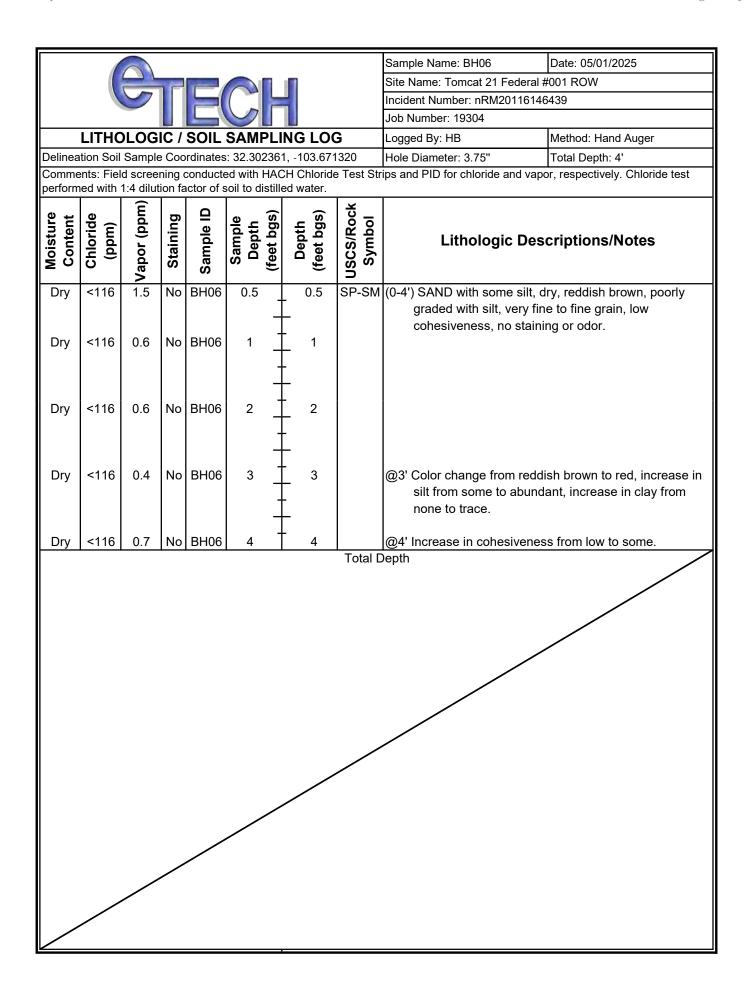


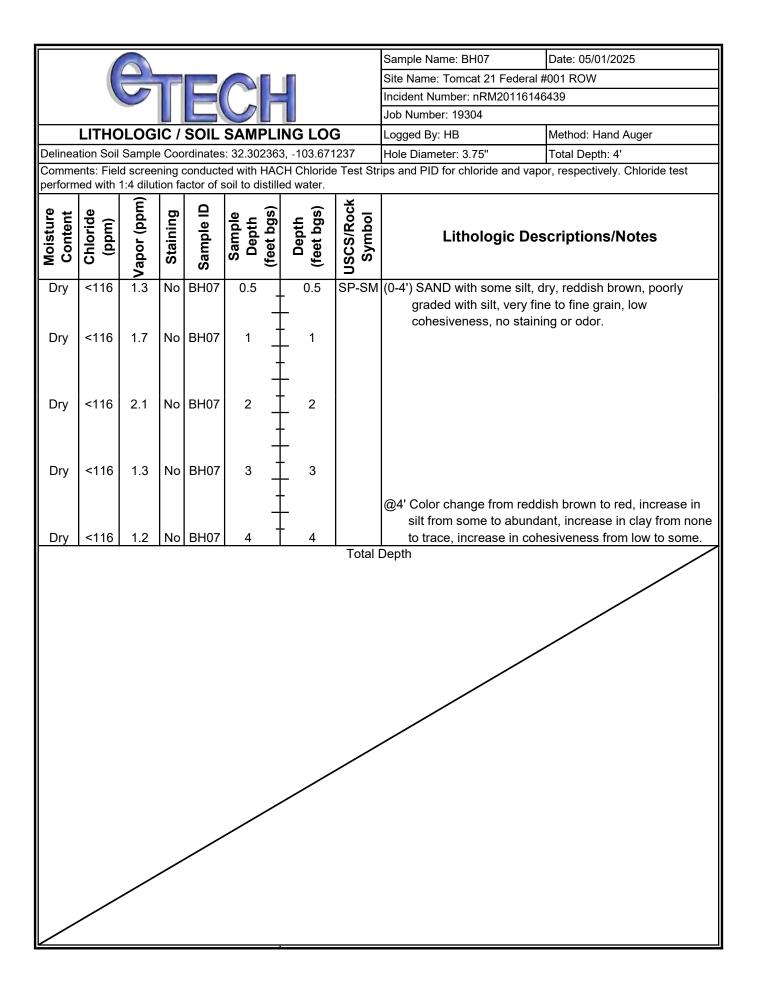


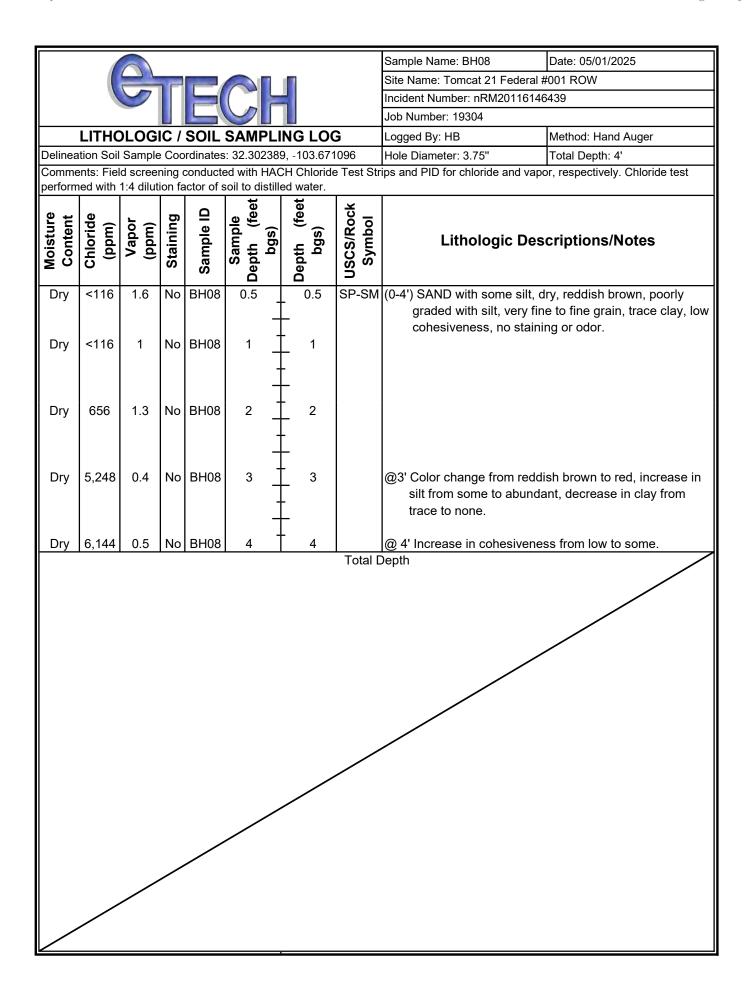


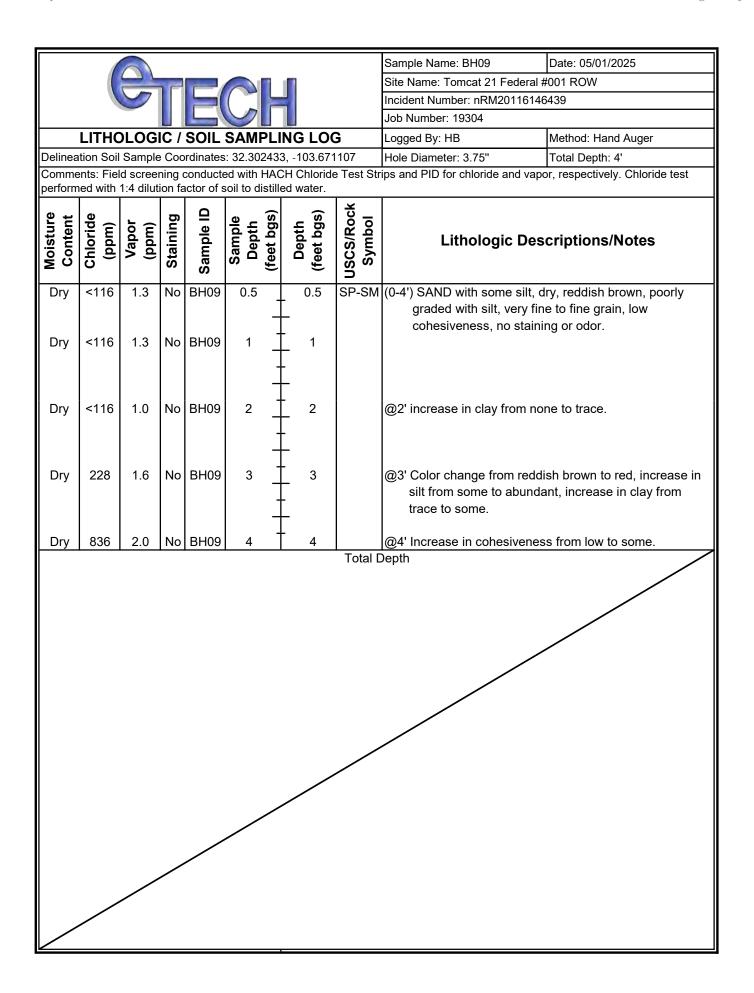


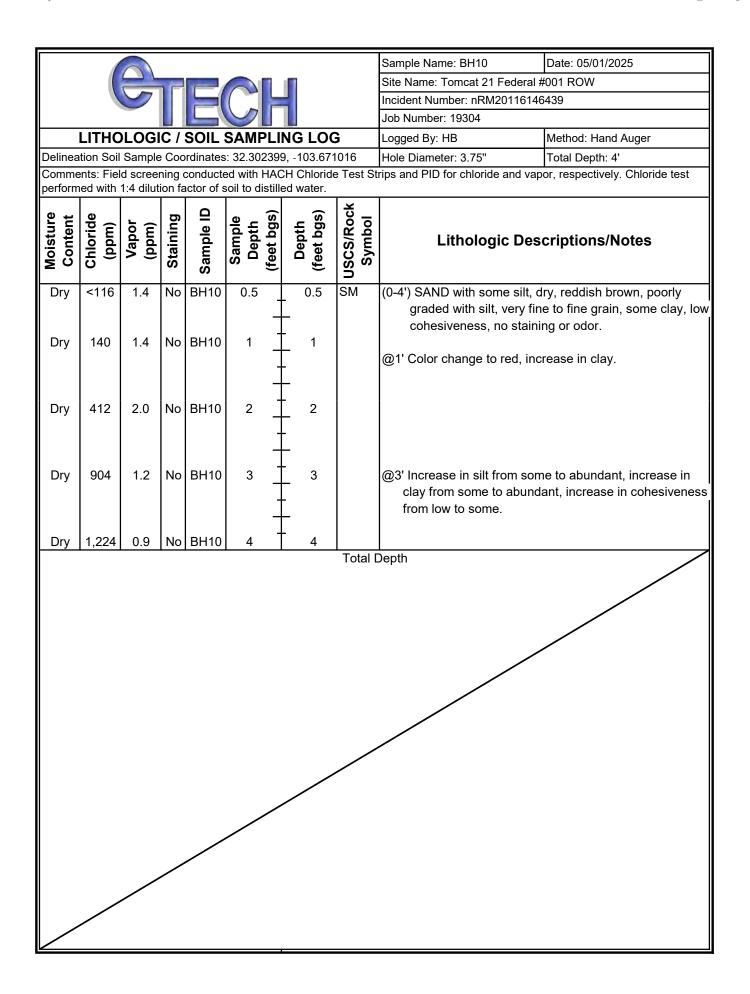


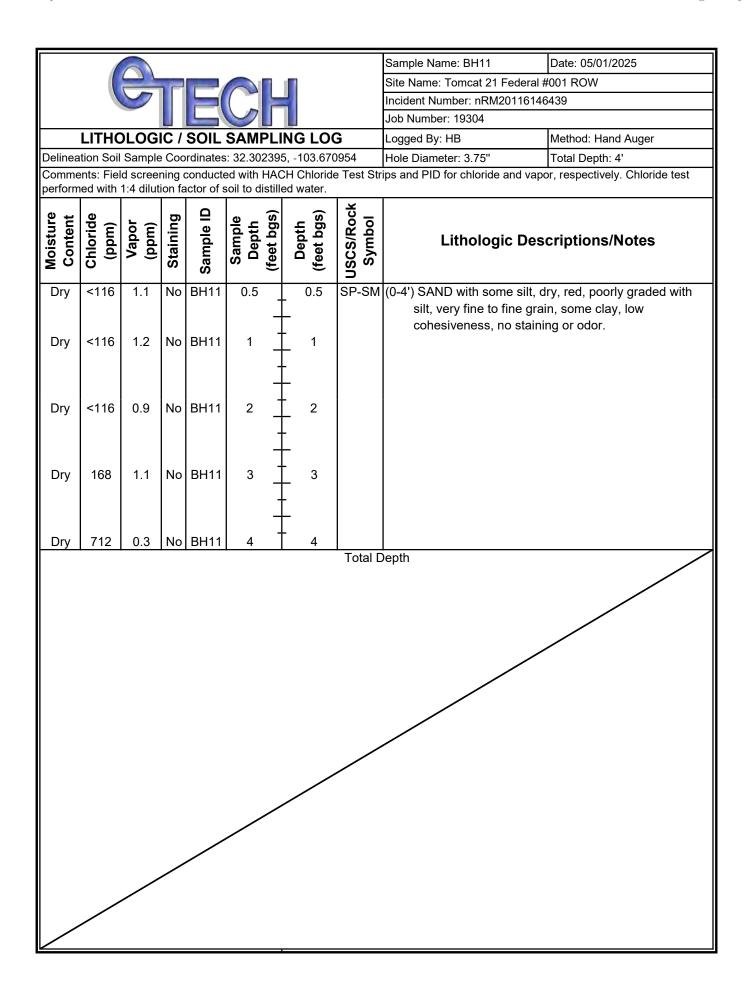


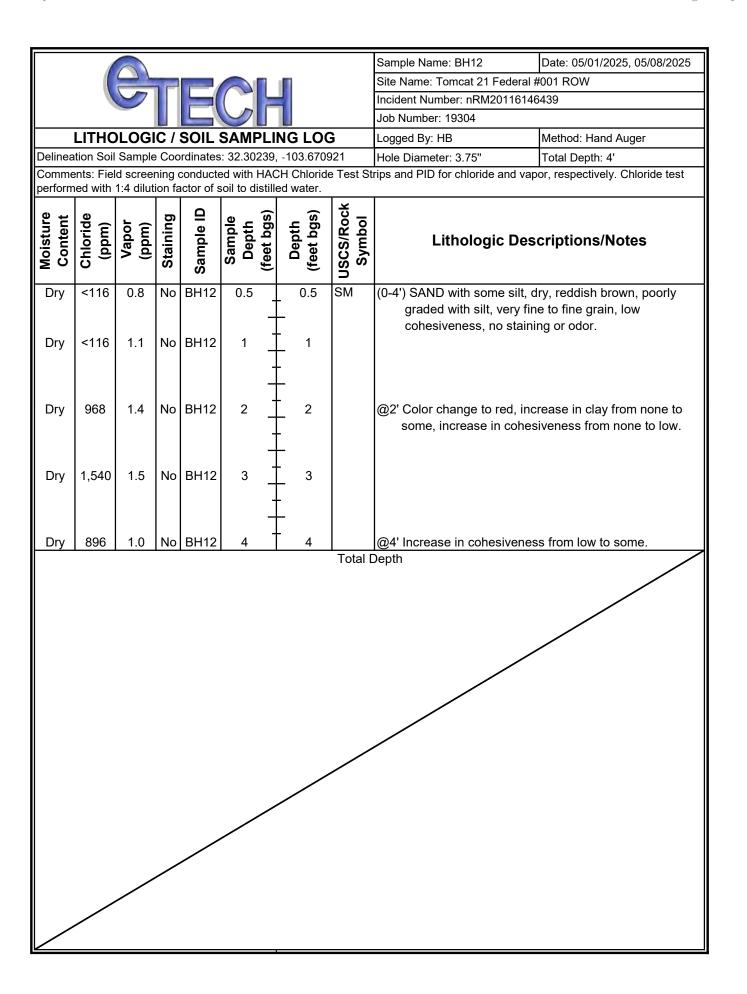


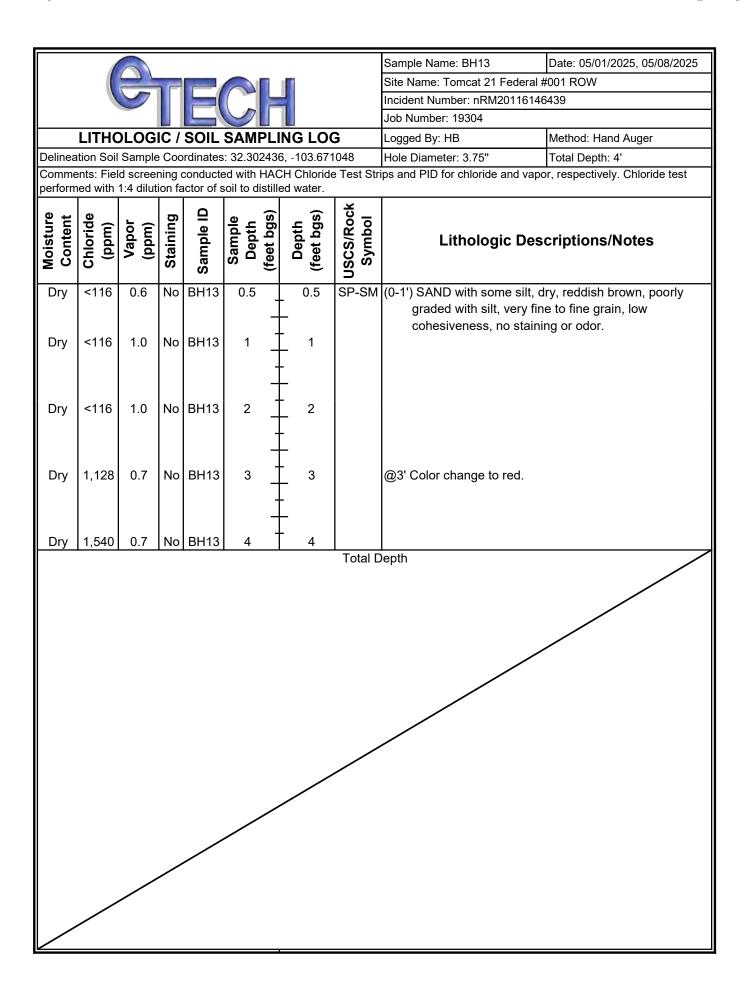


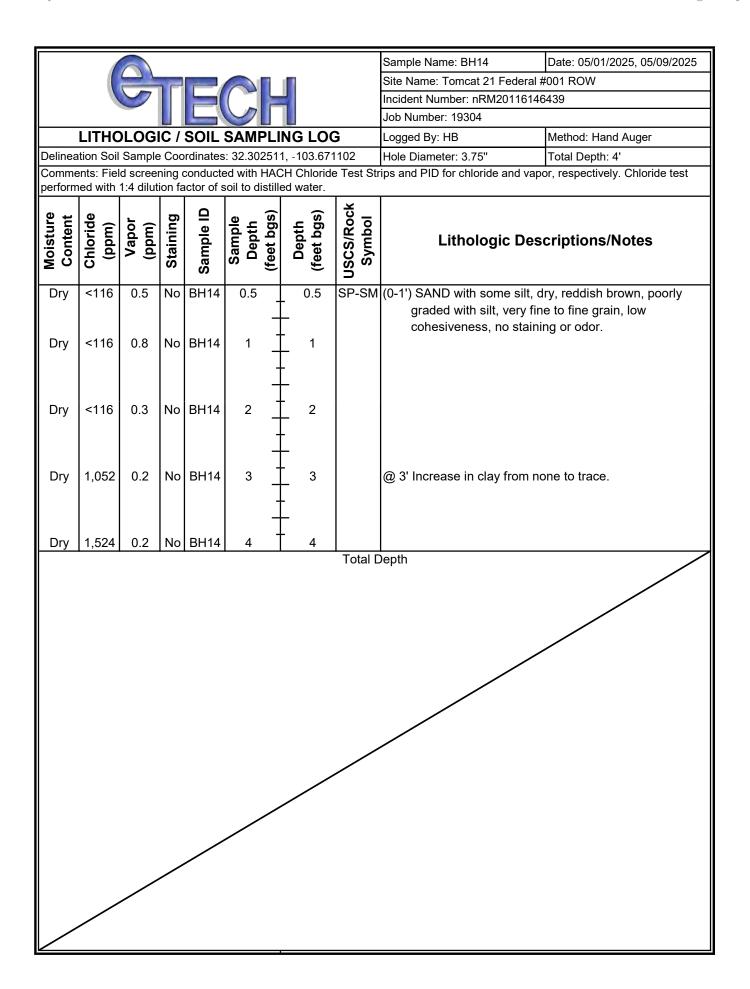


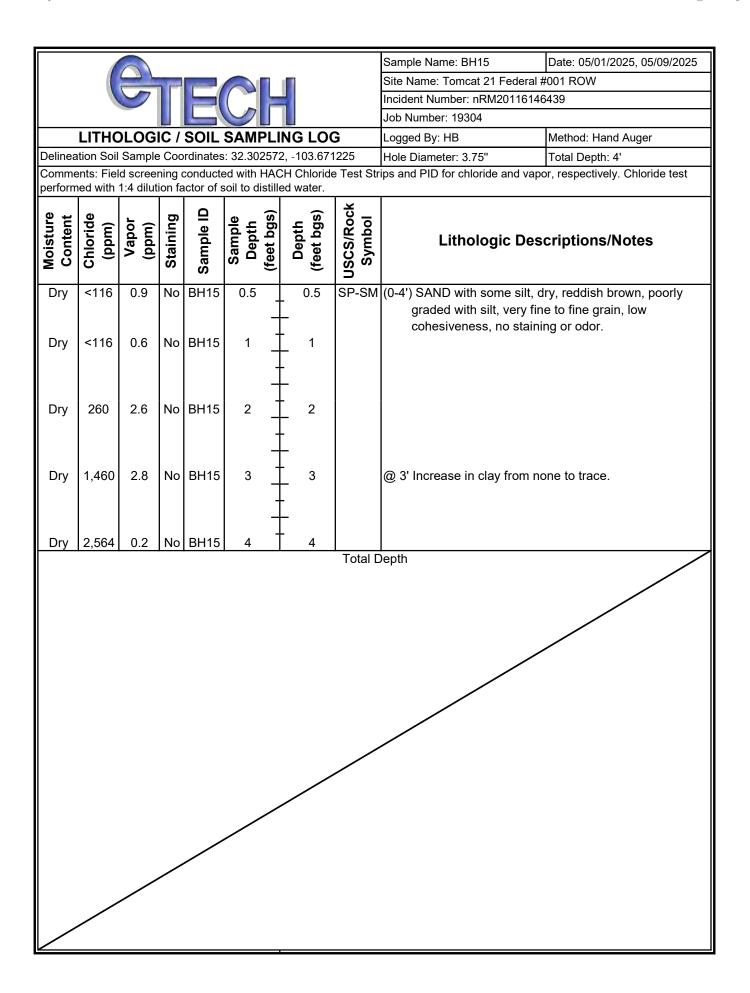


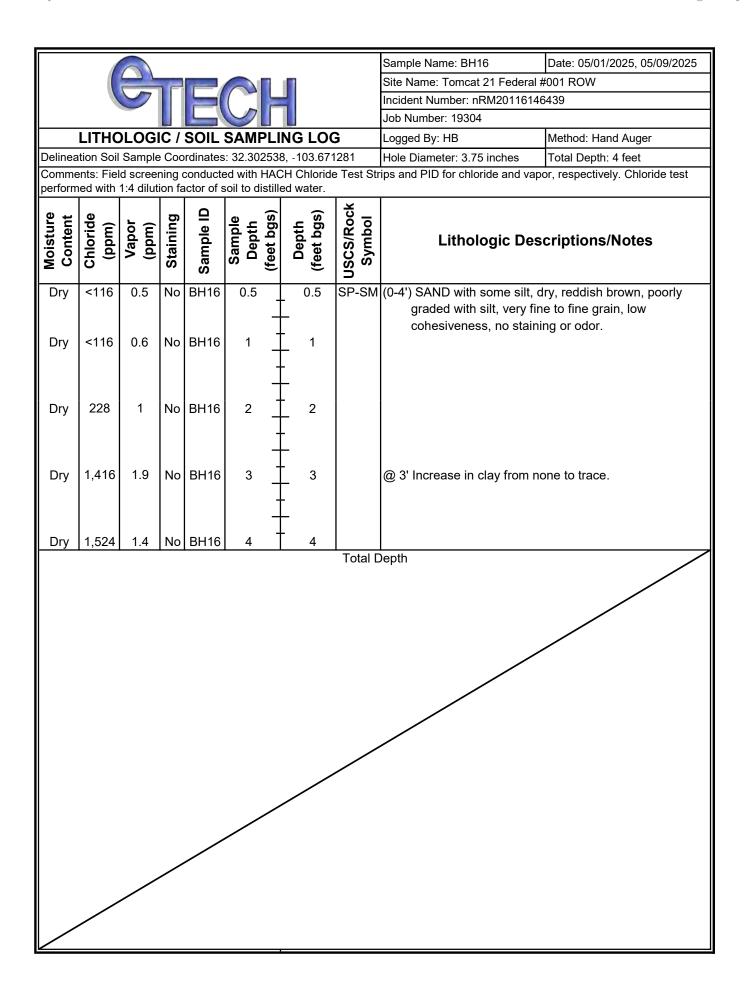


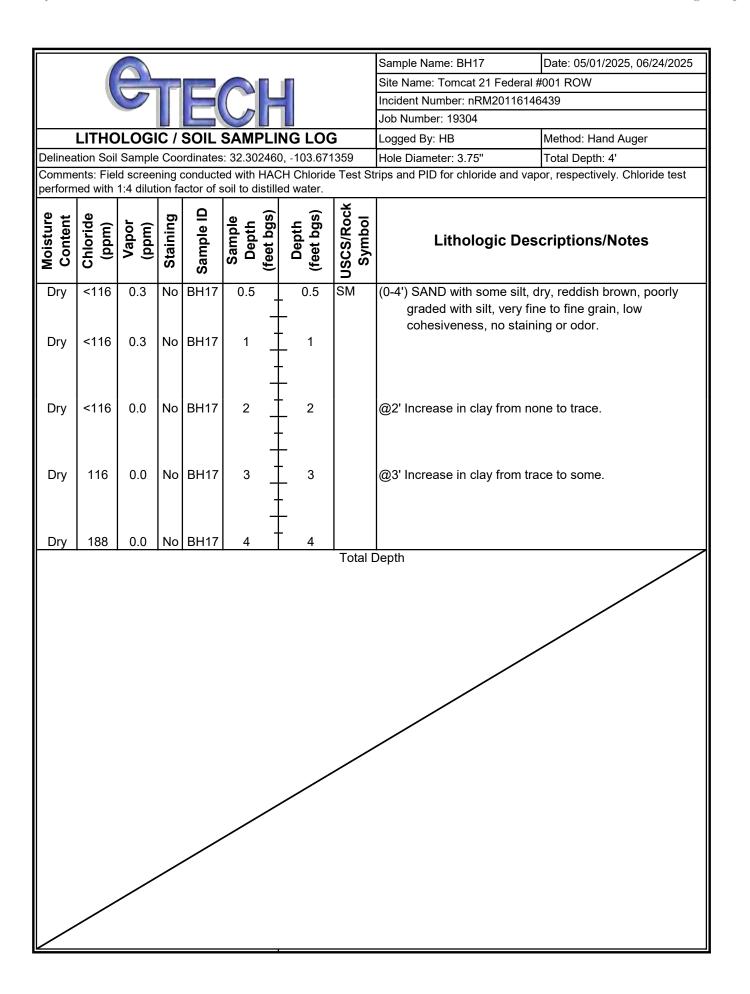


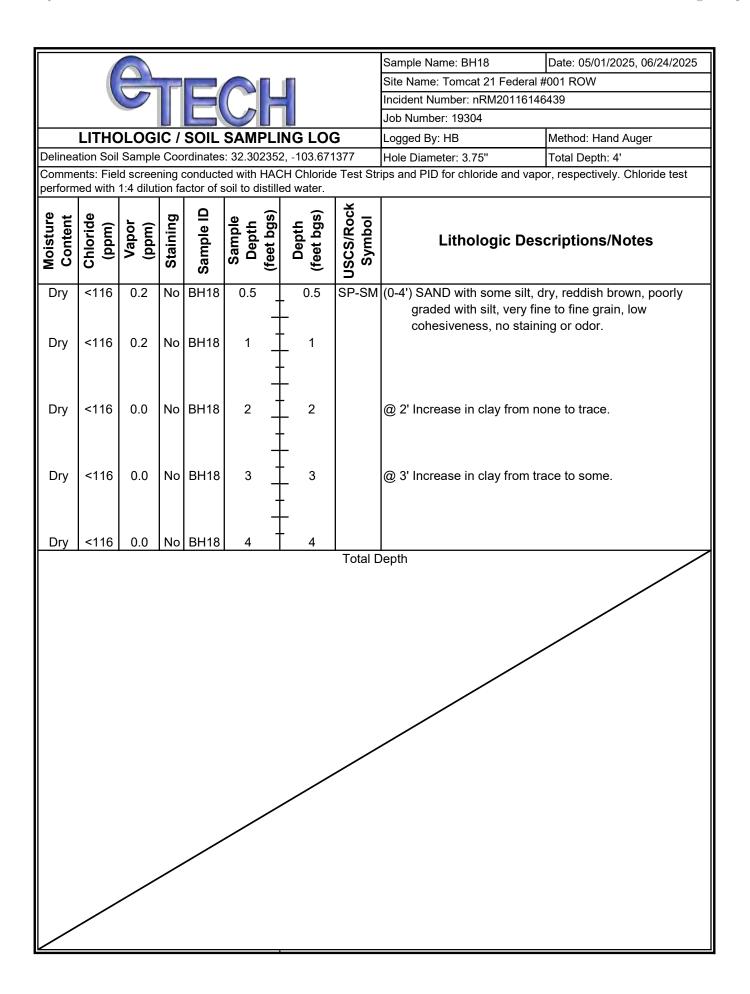


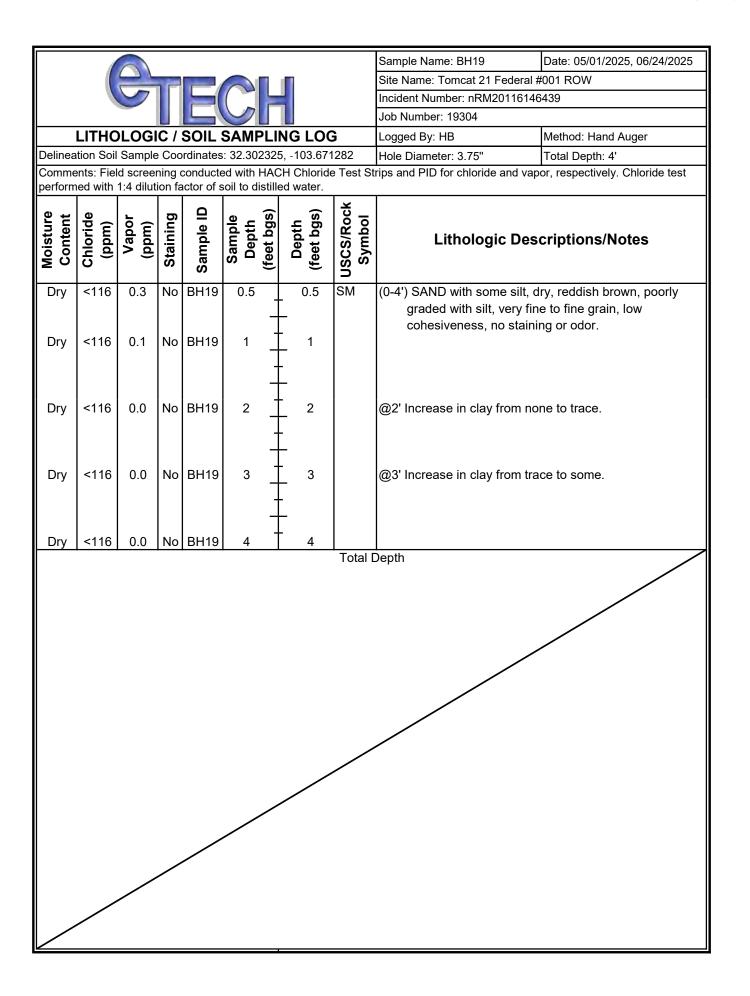


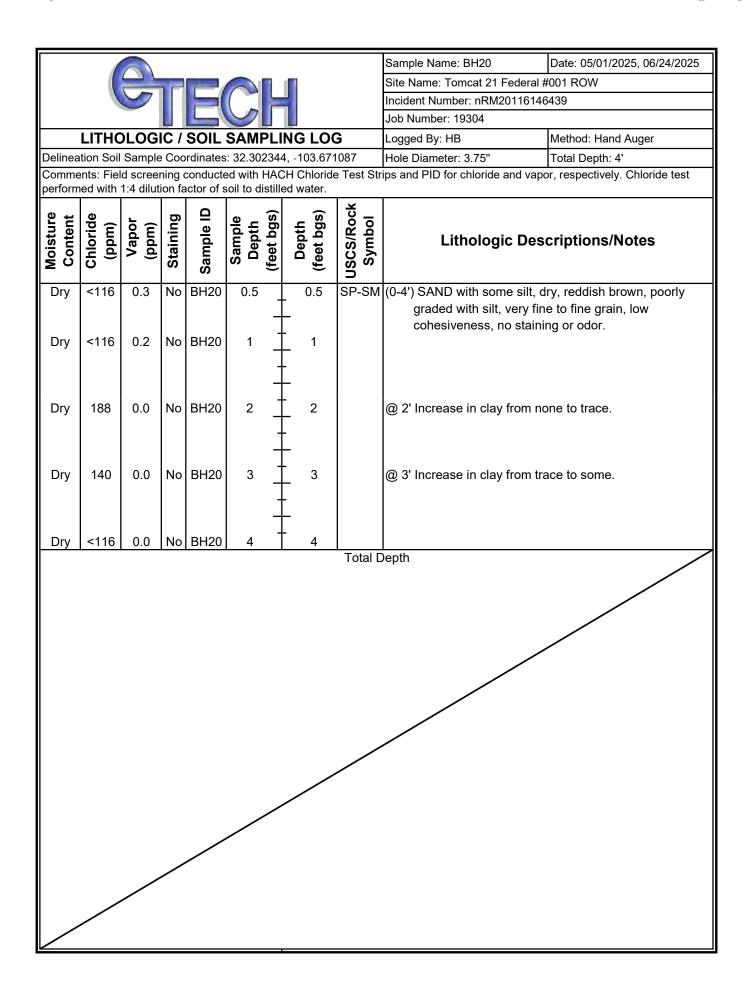


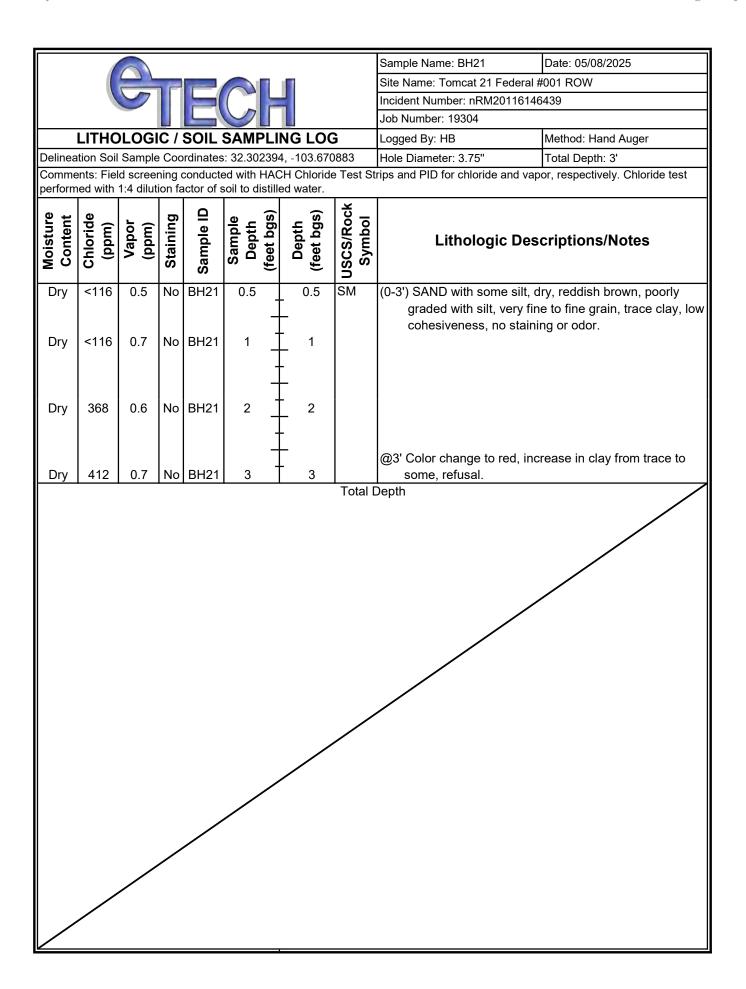


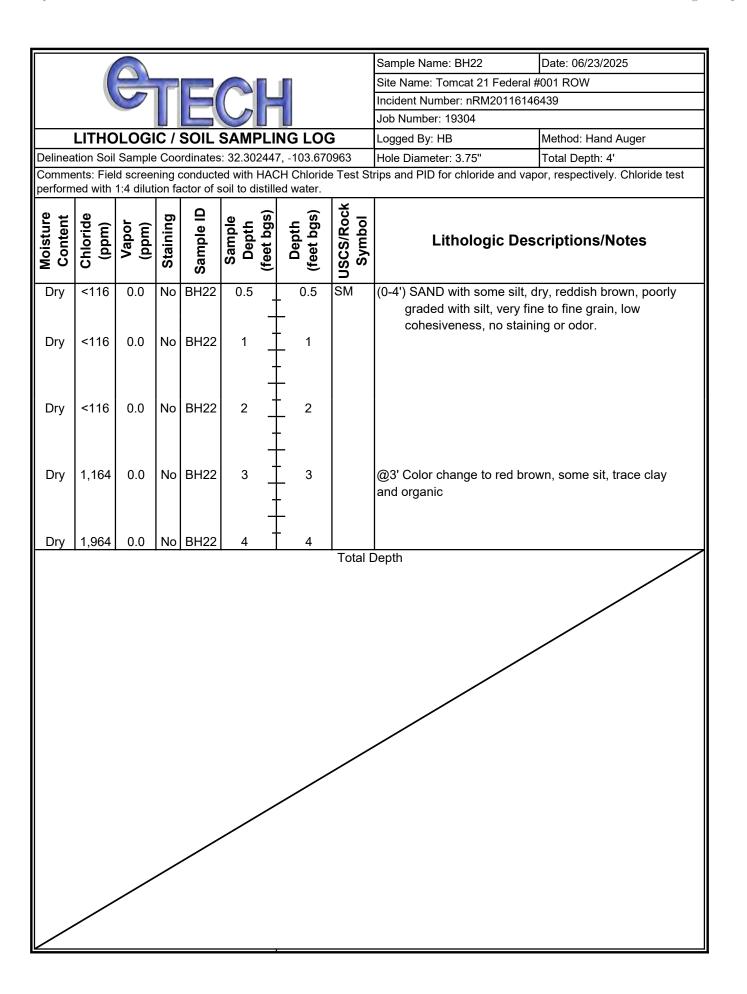


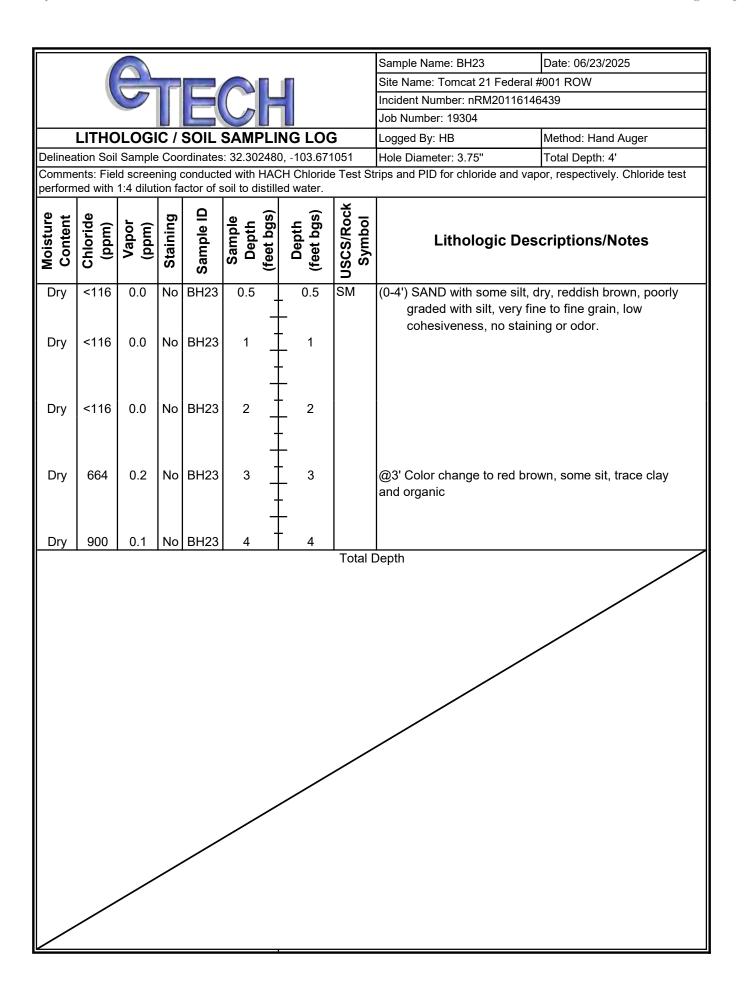


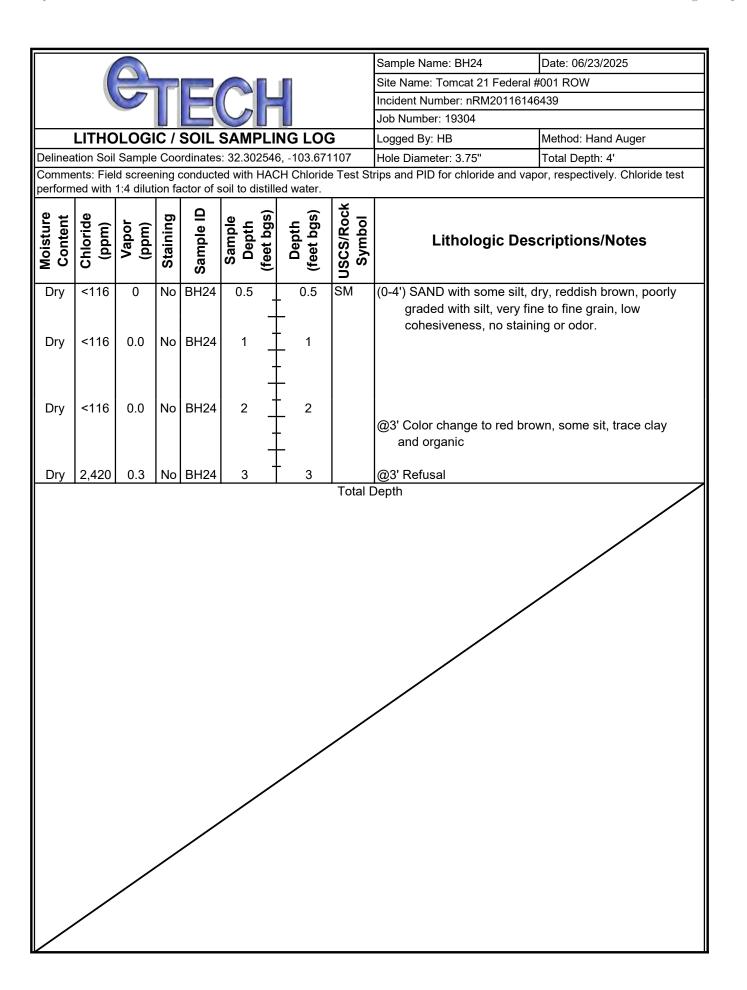


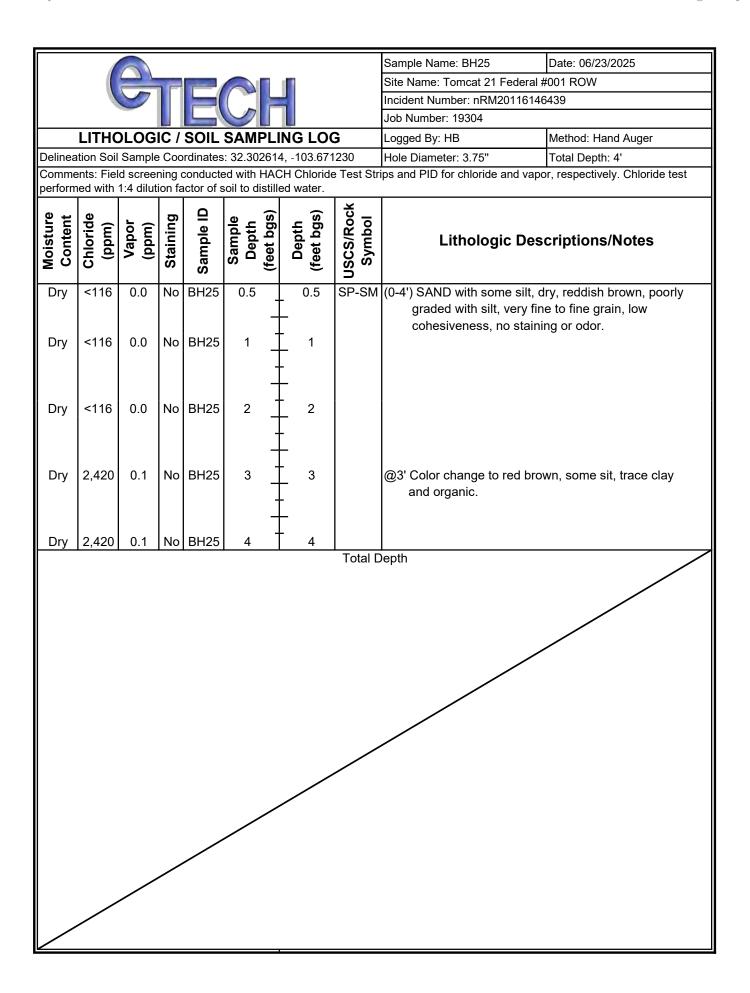


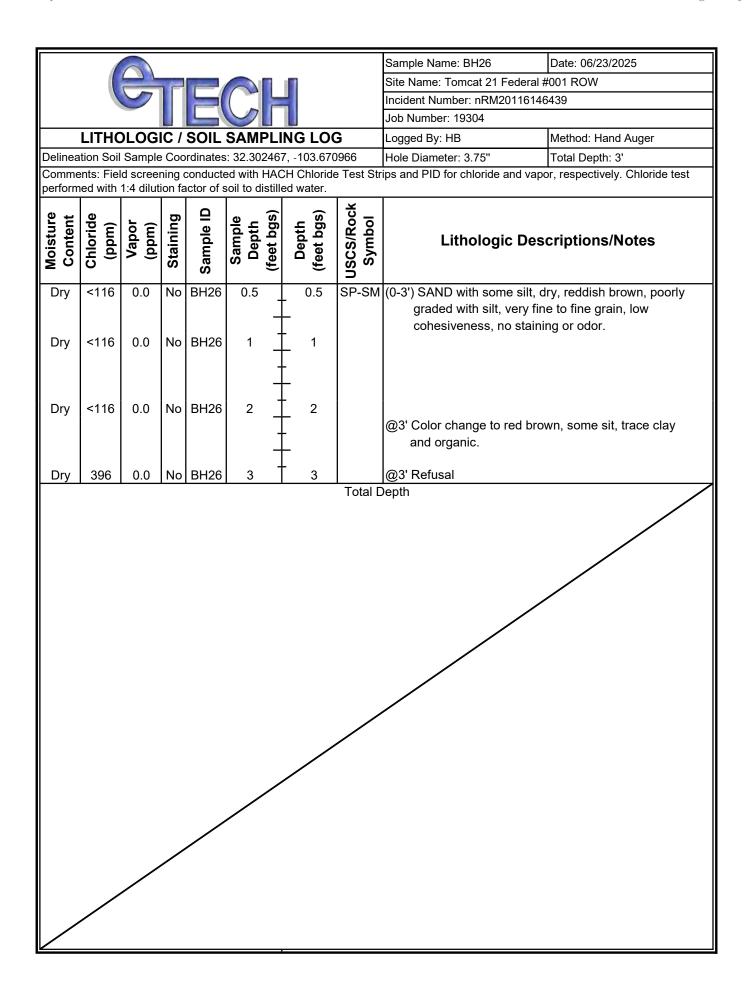


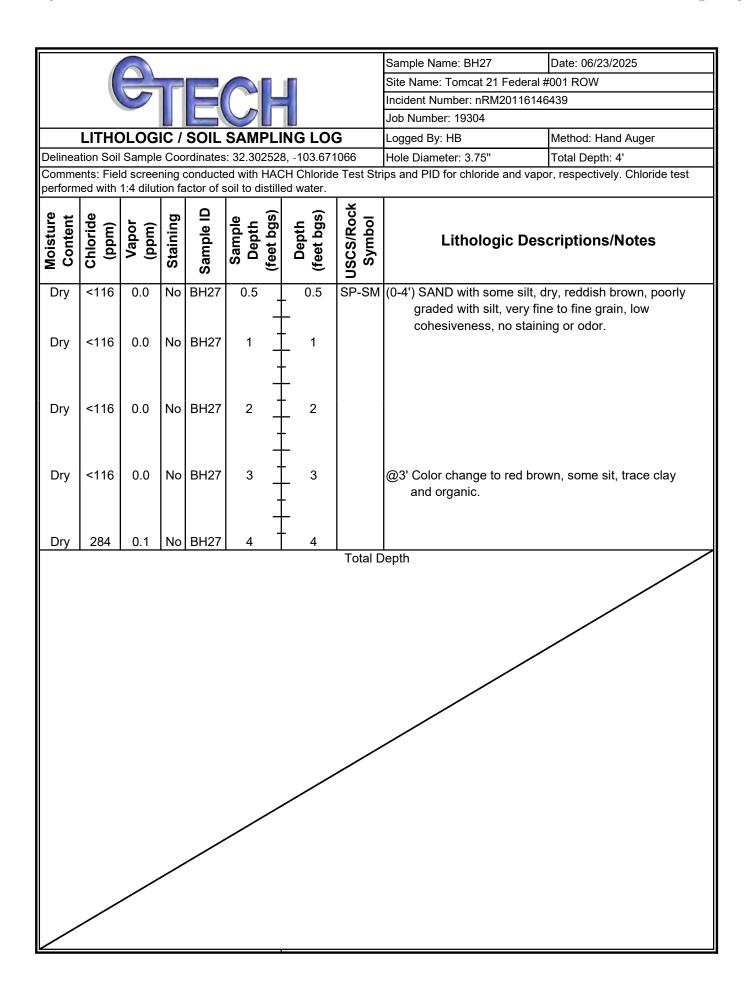


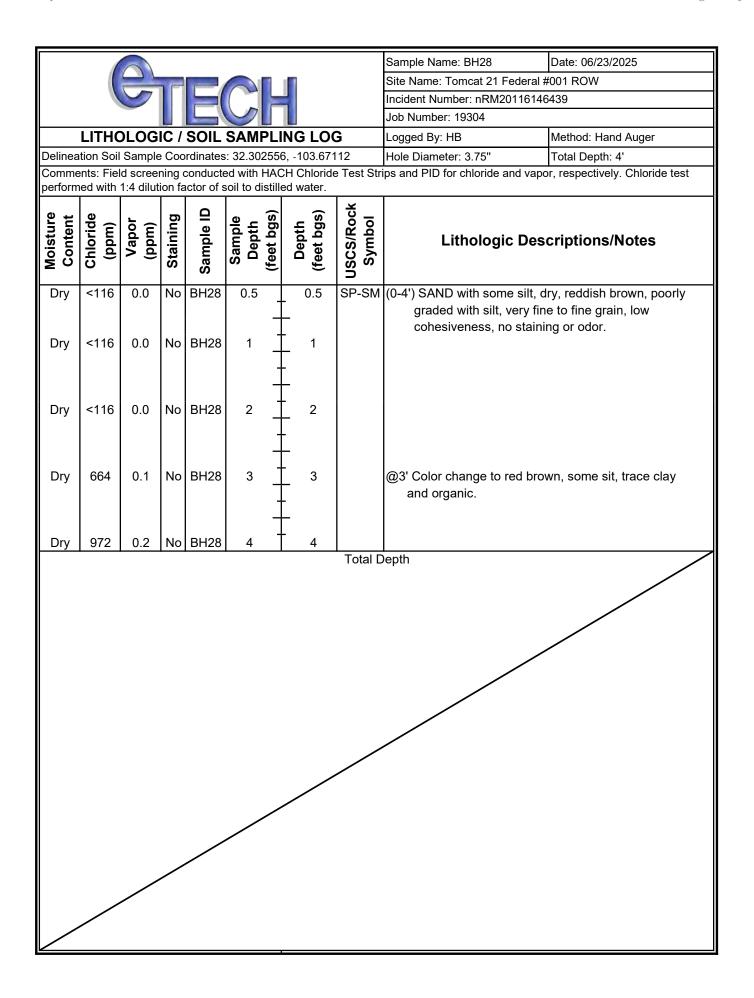


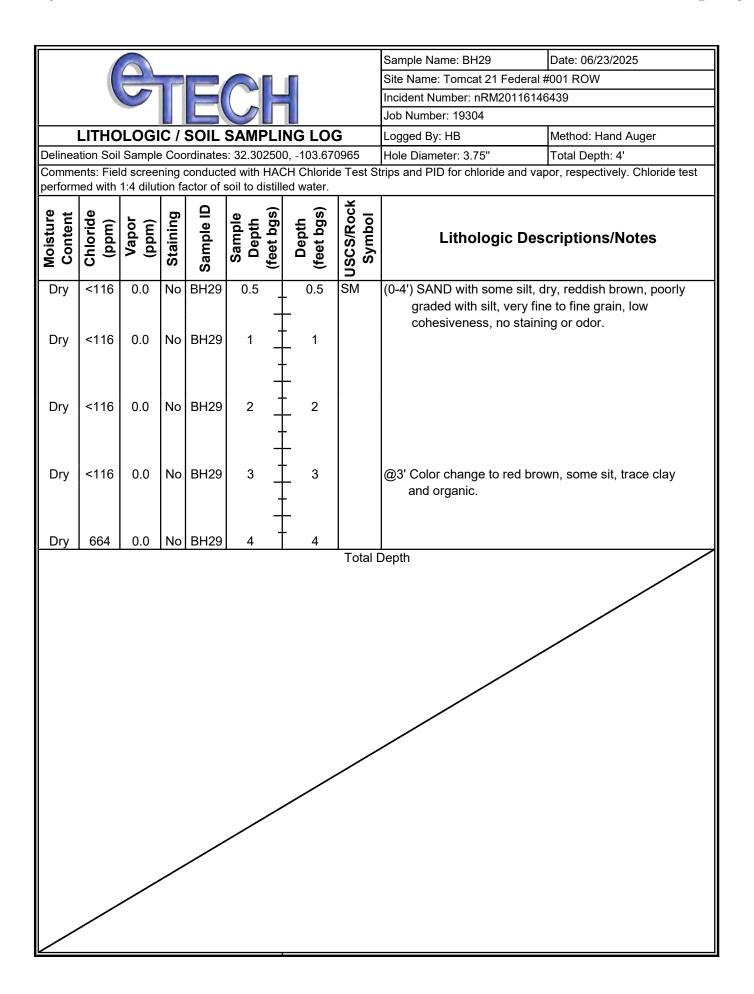


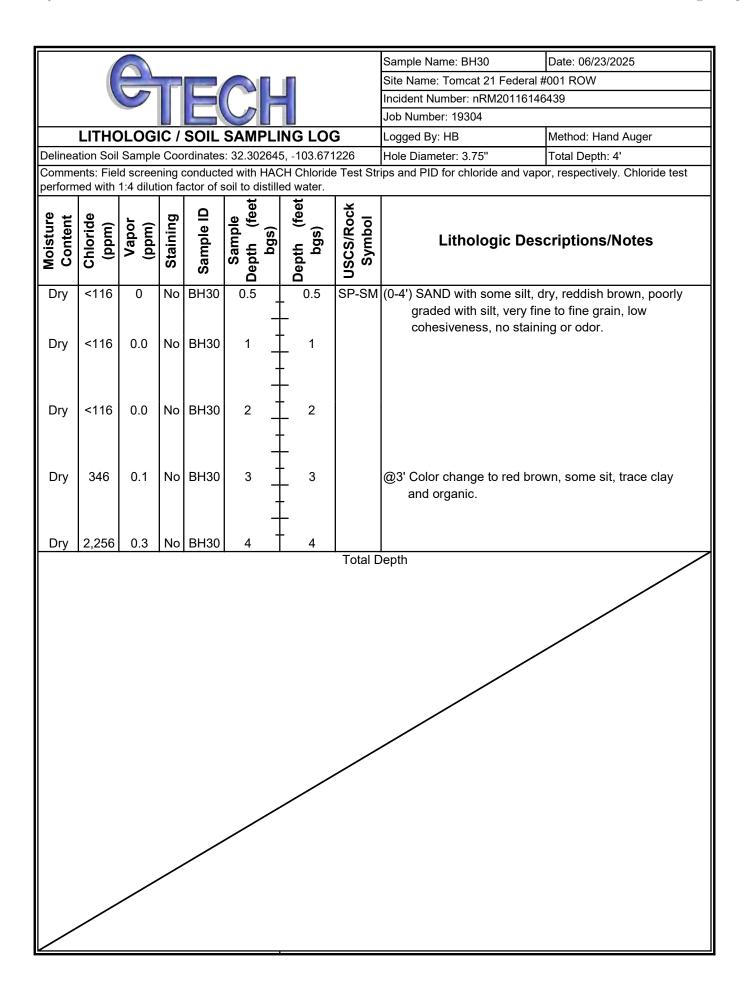


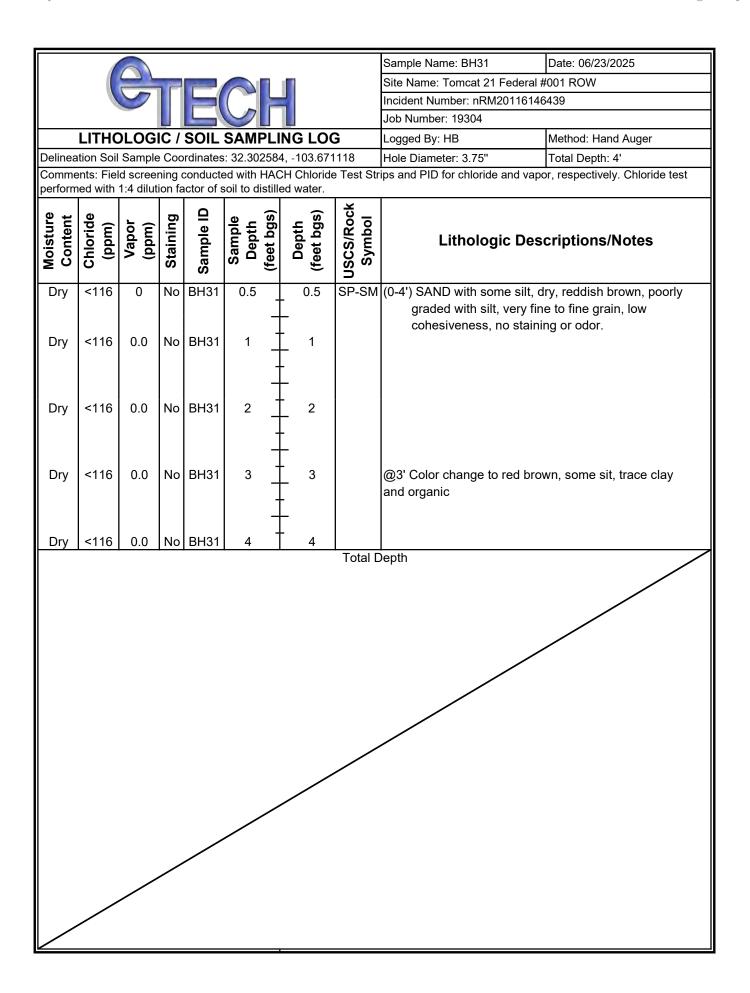


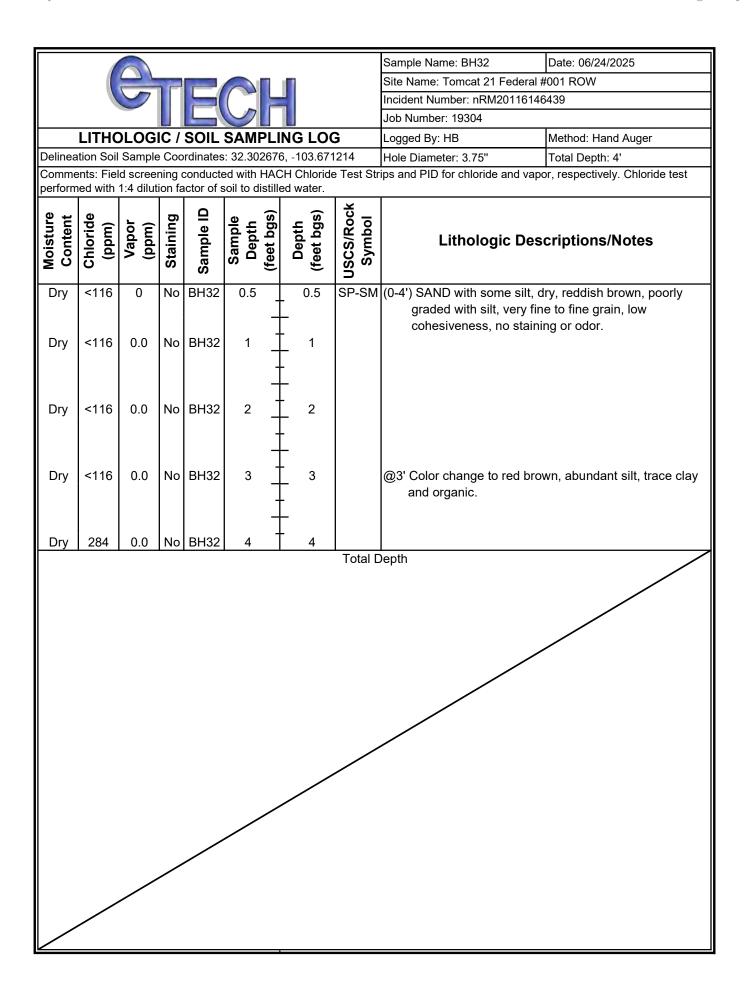


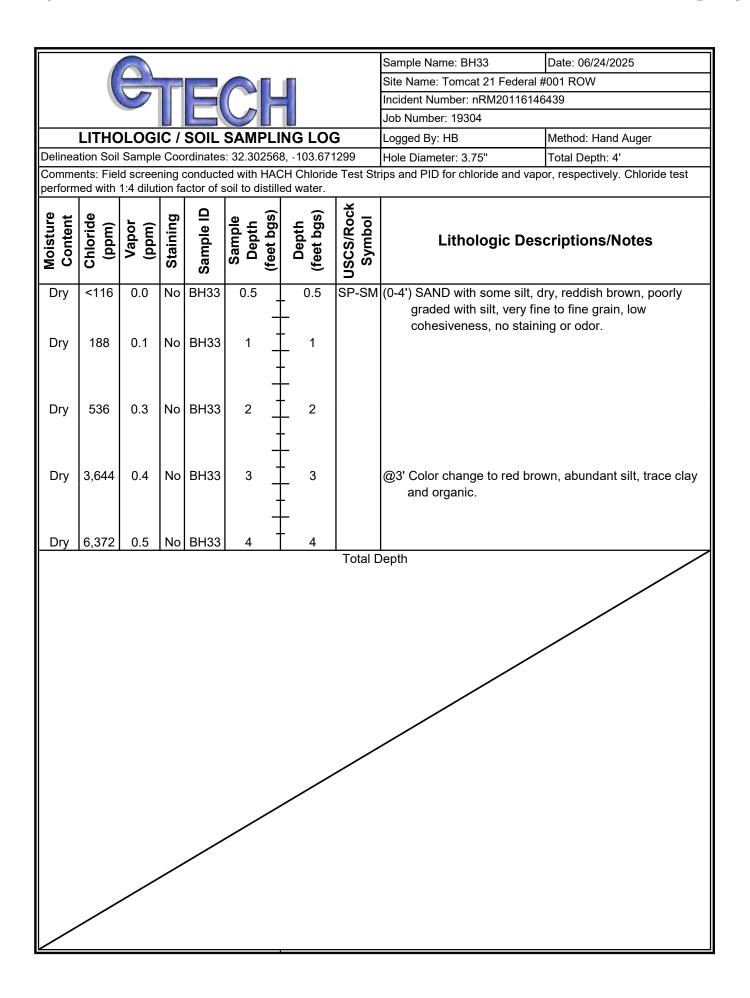


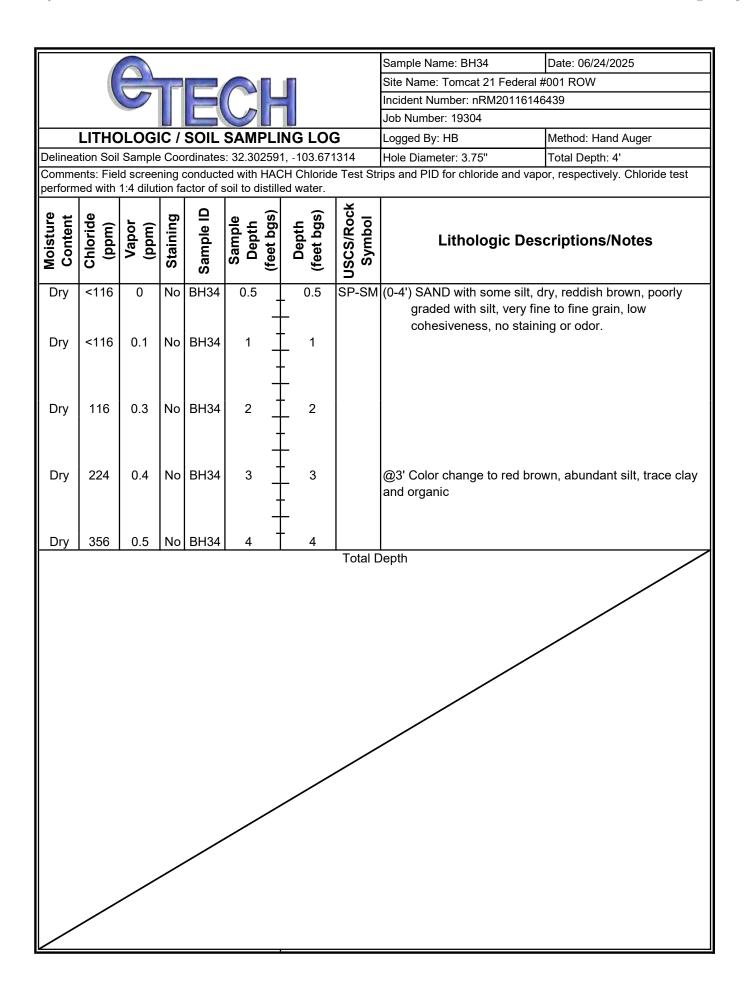












APPENDIX F

Photographic Log

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PHOTOGRAPHIC LOG

Devon Energy Production Company, LP

Tomcat 21 Federal 1

Incident Number: nRM2016146439



Photograph 1 Date: 04/28/2025 Description: Southwestern view of delineation activities near, BH04.



Photograph 2 Date: 05/01/2025 Description: Northeastern view of delineation activities near, BH08.



Photograph 3 Date: 05/09/2025 Description: Southeastern view of delineation activites near, BH16.



Photograph 4 Date: 06/23/2025 Description: Southwestern view of delineation activities near, BH27.

APPENDIX G

Tables

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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 Closus Release (NMAC 19.15.		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	20,000
				Delineation So	oil Samples - Incident	Number nRM20161464	39			
BH01*	04/28/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01*	04/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	80.8
BH01*	04/28/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	884
BH01*	04/28/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,110
BH01	04/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,440
BH02*	04/28/2025	0.5	<0.0250	0.0334	<20.0	<25.0	<50.0	<25.0	<50.0	160
BH02*	04/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	295
BH02*	04/28/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,420
BH02*	04/28/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,130
BH02	04/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,500
BH03*	04/28/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	54.9
BH03*	04/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	89.6
BH03*	04/28/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,420
BH03*	04/28/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,410
BH03	04/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,720
BH04*	04/28/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	24.6
BH04*	04/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	113
BH04*	04/28/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,130
BH04*	04/28/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,720
BH04	04/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,800
BH05*	04/28/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05*	04/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05*	04/28/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.3
BH05*	04/28/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	250
BH05	04/28/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,270



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 Release (NMAC 19.15.2		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	20,000
				Delineation So	oil Samples - Incident	Number nRM20161464	39			
BH06*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06*	05/01/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06*	05/01/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.9
BH06	05/01/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	80.3
BH07*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07*	05/01/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07*	05/01/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	05/01/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	63.6
BH08*	05/01/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	487
BH08*	05/01/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,140
BH08	05/01/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,660
BH09*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09*	05/01/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09*	05/01/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	209
BH09	05/01/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	816
BH10*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	123
BH10*	05/01/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	408
BH10*	05/01/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	862
BH10	05/01/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,060



				ı			ı			
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 Closus Release (NMAC 19.15.		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	20,000
				Delineation So	oil Samples - Incident	Number nRM20161464	39			
BH11*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	30.9
BH11*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	62.0
BH11*	05/01/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	84.0
BH11*	05/01/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	159
BH11	05/01/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	687
BH12*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12*	05/08/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	998
BH12*	05/08/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,590
BH12	05/08/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	925
BH13*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13*	05/08/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13*	05/08/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,020
BH13	05/08/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,710
BH14*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	49.9
BH14*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	59.8
BH14*	05/09/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH14*	05/09/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	826
BH14	05/09/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,500
BH15*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	47.1
BH15*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	58.7
BH15*	05/09/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	320
BH15*	05/09/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,310
BH15	05/09/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,700



							1		1	
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 Release (NMAC 19.15.2		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	20,000
				Delineation So	oil Samples - Incident	Number nRM20161464	39			
BH16*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH16*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH16*	05/09/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	286
BH16*	05/09/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,520
BH16	05/09/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,870
BH17*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH17*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.5
BH17*	06/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.3
BH17*	06/24/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	93.7
BH17	06/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	188
BH18*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18*	06/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18*	06/24/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18	06/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH19*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH19*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH19*	06/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH19*	06/24/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH19	06/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH20*	05/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH20*	05/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH20*	06/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	150
BH20*	06/24/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	133
BH20	06/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	43.4



						1	1			
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 Release (NMAC 19.15.2		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	20,000
				Delineation So	oil Samples - Incident	Number nRM20161464	39			
BH21*	05/08/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH21*	05/08/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH21*	05/08/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	270
BH21*	05/08/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	303
BH22*	06/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH22*	06/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,530
BH22	06/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,920
BH23*	06/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH23*	06/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	121
BH23	06/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	614
BH24*	06/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH24*	06/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,680
BH25*	06/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH25*	06/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,080
BH25	06/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,690
BH26*	06/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH26*	06/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	378
BH26	06/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,860
BH27*	06/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH27*	06/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH27*	06/23/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH27*	06/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	71.5
BH27	06/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	307
BH28*	06/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH28*	06/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	66.6



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closur Release (NMAC 19.15.		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	20,000
				Delineation So	oil Samples - Incident	Number nRM20161464	39			
BH28	06/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,140
BH29*	06/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH29*	06/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH29*	06/23/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH29*	06/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	30.7
BH29	06/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	81.7
BH30*	06/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH30*	06/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	839
BH30	06/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,790
BH31*	06/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH31*	06/23/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH31*	06/23/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH31*	06/23/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH31	06/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH32*	06/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH32*	06/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH32*	06/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH32*	06/24/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH32	06/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	158
BH33*	06/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	53.3
BH33*	06/24/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,860
BH33	06/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,140
BH34*	06/24/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH34*	06/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH34*	06/24/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	123



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 Release (NMAC 19.15.2		s Impacted by a	10	50	NE	NE	NE	1,000	2,500	20,000
				Delineation Sc	oil Samples - Incident	Number nRM20161464	39			
BH34*	06/24/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	323
BH34	06/24/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	386

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMOCD: New Mexico Oil Conservation Division NMAC: New Mexico Administrative Code

Text in "grey" represents excavated soil samples

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

[&]quot;*" Soil sample was collected in the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13, if exceeding the reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH.

APPENDIX H

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



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: TOMCAT 21 FEDERAL #001

Work Order: E504293

Job Number: 01058-0007

Received: 4/30/2025

Revision: 4

Report Reviewed By:

Walter Hinchman Laboratory Director 5/6/25

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

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

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

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

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

Date Reported: 5/6/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E504293

Date Received: 4/30/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/30/2025 8:00:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/06/25 13:40

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH01 0.5'	E504293-01A Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH01 1'	E504293-02A Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH01 2'	E504293-03A Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH01 3'	E504293-04A Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH01 4'	E504293-05A Soil	04/28/25	04/30/25	Glass Jar. 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:40:01PM

BH01 0.5' E504293-01

		E504293-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
p-Xylene	ND	0.0250	1	04/30/25	05/01/25	
o,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2518053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		88.4 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2518061
Chloride	ND	20.0	1	04/30/25	04/30/25	

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:40:01PM

BH01 1'

E504293-02

	Panartina				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: BA		Batch: 2518053
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0500	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
	103 %	70-130	04/30/25	05/01/25	
mg/kg	mg/kg	An	alyst: BA		Batch: 2518053
ND	20.0	1	04/30/25	05/01/25	
	90.7 %	70-130	04/30/25	05/01/25	
mg/kg	mg/kg	An	alyst: KH		Batch: 2518063
ND	25.0	1	04/30/25	04/30/25	
ND	50.0	1	04/30/25	04/30/25	
	92.4 %	61-141	04/30/25	04/30/25	
mg/kg	mg/kg	An	alyst: DT		Batch: 2518061
mg/kg	mg/kg				Buttern 2010001
	mg/kg ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 90.7 % mg/kg MD 25.0 ND 50.0 92.4 %	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 Mg/kg mg/kg An ND 20.0 1 90.7 % 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 92.4 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0500 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/30/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 ND 50.0 1 04/30/25 92.4 % 61-141 04/30/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/30/25 05/01/25 ND 0.0500 1 04/30/25 05/01/25 ND 0.0250 1 04/30/25 05/01/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/30/25 05/01/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/30/25 05/01/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 04/30/25 ND 50.0 1 04/30/25 04/30/25 ND 50.0 1 04/30/25 04/30/25 ND 50.0 <



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:40:01PM

BH01 2'

E504293-03

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2518053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		95.7 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2518061
Chloride	884	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:40:01PM

BH01 3'

		E504293-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2518053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	llyst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		96.7 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2518061
Chloride	2110	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:40:01PM

BH01 4' E504293-05

		E304293-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2518053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		95.3 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2518061
Chloride	1440	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/6/2025 1:40:01PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2518053-BLK1) Prepared: 04/30/25 Analyzed: 05/01/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.12 8.00 102 70-130 LCS (2518053-BS1) Prepared: 04/30/25 Analyzed: 05/01/25 5.71 5.00 114 70-130 Benzene 0.0250 Ethylbenzene 5.63 0.0250 5.00 113 70-130 5.69 0.0250 5.00 114 70-130 Toluene 111 o-Xylene 5.56 0.0250 5.00 70-130 11.3 10.0 113 70-130 0.0500 p.m-Xvlene 113 70-130 16.9 15.0 Total Xylenes 0.0250 8.00 101 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.06 Matrix Spike (2518053-MS1) Source: E504293-04 Prepared: 04/30/25 Analyzed: 05/01/25 5.46 0.0250 5.00 ND 70-130 Benzene ND 107 70-130 Ethylbenzene 5.34 0.0250 5.00 Toluene 5.42 0.0250 5.00 ND 108 70-130 5.28 ND 106 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.7 0.0500 10.0 ND 107 70-130 16.0 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.17 8.00 Matrix Spike Dup (2518053-MSD1) Source: E504293-04 Prepared: 04/30/25 Analyzed: 05/01/25 5.36 0.0250 5.00 ND 70-130 1.80 27 ND 70-130 1.44 5.26 0.0250 5.00 105 26 Ethylbenzene Toluene 5 33 0.0250 5.00 ND 107 70-130 1.61 20 5.20 5.00 ND 104 70-130 1.57 25 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

106

105

102



1.25

1.36

70-130

70-130

70-130

23

26

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

10.6

15.8

8.19

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:40:01PM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers				5/6	5/2025 1:40:01PM	
	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	
Blank (2518053-BLK1)							Prepared: 04	1/30/25 Anal	yzed: 05/01/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130				
LCS (2518053-BS2)							Prepared: 04	1/30/25 Anal	yzed: 05/01/25	
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.7	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		92.9	70-130				
Matrix Spike (2518053-MS2)				Source:	E504293-	04	Prepared: 04	1/30/25 Anal	yzed: 05/01/25	
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.4	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130				
Matrix Spike Dup (2518053-MSD2)				Source:	E504293-	04	Prepared: 04	1/30/25 Anal	yzed: 05/01/25	
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	ND	83.1	70-130	0.870	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130				



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:40:01PM

Artesia NM, 88210		Project Manage	r: Ar	nna Byers					5/6/2025 1:40:01PM
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518063-BLK1)							Prepared: 0	4/30/25 An	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.7		50.0		93.4	61-141			
LCS (2518063-BS1)							Prepared: 0	4/30/25 An	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	254	25.0	250		101	66-144			
Surrogate: n-Nonane	47.1		50.0		94.2	61-141			
Matrix Spike (2518063-MS1)				Source:	E504292-	02	Prepared: 0	4/30/25 An	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	47.9		50.0		95.8	61-141			
Matrix Spike Dup (2518063-MSD1)				Source:	E504292-	02	Prepared: 0	4/30/25 An	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	266	25.0	250	ND	107	56-156	0.554	20	
Surrogate: n-Nonane	48.5		50.0		97.1	61-141			



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		OMCAT 21 F	EDERAL #	#001			Reported:
Artesia NM, 88210		Project Manager:		anna Byers					5/6/2025 1:40:01PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518061-BLK1)							Prepared: 0	4/30/25	Analyzed: 04/30/25
Chloride	ND	20.0							
LCS (2518061-BS1)							Prepared: 0	4/30/25	Analyzed: 04/30/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2518061-MS1)				Source:	E504294-	02	Prepared: 0	4/30/25	Analyzed: 04/30/25
Chloride	540	20.0	250	295	98.0	80-120			
Matrix Spike Dup (2518061-MSD1)				Source:	E504294-	02	Prepared: 0	4/30/25	Analyzed: 04/30/25
Chloride	548	20.0	250	295	101	80-120	1.49	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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/06/25 13:40

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Received by OCD: 8/20/2025 6:29:44 AM

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Printed: 4/30/2025 10:38:56AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/30/25	08:00	Work Order ID:	E504293
Phone:	(575) 748-0176	Date Logged In:	04/29/25	14:51	Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	05/06/25	17:00 (4 day TAT)		
1. Does t	Custody (COC) he sample ID match the COC?	414 COC	Yes			
	he number of samples per sampling site location ma	itch the COC	Yes			
	samples dropped off by client or carrier?	. 1 1 0	Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
3. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes		<u>Commen</u>	ts/Resolution
	Furn Around Time (TAT) e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	ne sample received on ice? Note: Thermal preservation is not required, if samples at 15 minutes of sampling COC for individual sample temps. Samples outside of		Yes	in comments.		
	<u>Container</u>					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	bel					
20. Were	field sample labels filled out with the minimum info	ormation:	Yes			
Ι	Pate/Time Collected?		Yes			
(Collectors name?		Yes			
	Preservation					
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lat	filtration required and/or requested for dissolved m	etals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	s, does the COC specify which phase(s) is to be anal	yzed?	NA			
Subcont	ract Laboratory					
28. Are s	amples required to get sent to a subcontract laborate	ory?	No			
29. Was	a subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab: NA		
Client I	nstruction					
						
						(3
Signa	ture of client authorizing changes to the COC or sample dis	sposition.			Date	envirotech Inc.

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

Received by OCD: 8/20/2025 6:29:44 AM



Chain of Custody

4077	
Page	90

Cli	ent Inform	nation		Invo	ice Information		1		-31	ab U	se Or	yle				T	AT	- 18		Stat	e
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Project Manager: A	Market Street			City, State, Zip: C	arhibad, NM, 8822	0									200				-		
Address: 13000 W (Phone: 575-885-	7502						Ana	alysis	and	Met	hod				E	PA Progr	am
Oty, State, 21p Ode		765		Email: jim.raley@														13	SDWA	CWA	RCRA
Phone: 432-305-64				Miscellaneous: #	N. nRM200386004	1			ш												
Email: NMTXGeoGr	oup@etec	henv.com		PN: 19304: Coller	cted By: Haleigh Bl	ume		0.00	夏							ш		-	omplyin		or N
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Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E504294

Job Number: 01058-0007

Received: 4/30/2025

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 5/6/25

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

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

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

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

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

Date Reported: 5/6/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E504294

Date Received: 4/30/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/30/2025 8:00:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutode
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/06/25 12:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02 0.5'	E504294-01A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH02 1'	E504294-02A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH02 2'	E504294-03A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH02 3'	E504294-04A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH02 4'	E504294-05A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:35:01PM

BH02 0.5' E504294-01

		E304274-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	0.0334	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2518053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		93.2 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2518061
Chloride	160	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:35:01PM

BH02 1'

E504294-02

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg mg/kg Analyst: BA			Batch: 2518053		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		92.2 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2518061
Chloride	295	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:35:01PM

BH02 2'

E504294-03

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg mg/kg Analyst: BA			Batch: 2518053		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg mg/kg		A	nalyst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		94.5 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2518061
Chloride	2420	20.0	1	04/30/25	04/30/25	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:35:01PM

BH02 3'

E504294-04 Reporting Analyte Result Limit Dilution Analyzed Notes Prepared Analyst: BA Batch: 2518053 mg/kg mg/kg Volatile Organics by EPA 8021B 05/01/25 ND 0.0250 04/30/25 Benzene 1 04/30/25 05/01/25 Ethylbenzene ND 0.0250ND 0.025004/30/25 05/01/25 Toluene 1 04/30/25 05/01/25 o-Xylene ND 0.02501 04/30/25 05/01/25 ND 0.0500 p,m-Xylene 04/30/25 05/01/25 1 Total Xylenes ND 0.025004/30/25 05/01/25 103 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg mg/kg Analyst: BA Batch: 2518053 Nonhalogenated Organics by EPA 8015D - GRO 05/01/25 ND 20.0 1 04/30/25 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 92.2 % 04/30/25 05/01/25 70-130 mg/kg mg/kg Analyst: KH Batch: 2518063 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 04/30/25 04/30/25 Diesel Range Organics (C10-C28) 04/30/25 04/30/25 Oil Range Organics (C28-C36) ND 50.0 1 04/30/25 04/30/25 Surrogate: n-Nonane 98.6 % 61-141 Analyst: DT Batch: 2518061 Anions by EPA 300.0/9056A mg/kg mg/kg

100

5

04/30/25

04/30/25

6130



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:35:01PM

BH02 4'

		E504294-05				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2518053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		93.3 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2518061
Chloride	3500	40.0	2	04/30/25	04/30/25	



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/6/2025 12:35:01PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2518053-BLK1) Prepared: 04/30/25 Analyzed: 05/01/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.12 8.00 102 70-130 LCS (2518053-BS1) Prepared: 04/30/25 Analyzed: 05/01/25 5.71 5.00 114 70-130 Benzene 0.0250 Ethylbenzene 5.63 0.0250 5.00 113 70-130 5.69 0.0250 5.00 114 70-130 Toluene 111 o-Xylene 5.56 0.0250 5.00 70-130 11.3 10.0 113 70-130 0.0500 p.m-Xvlene 113 70-130 16.9 15.0 Total Xylenes 0.0250 8.00 101 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.06 Matrix Spike (2518053-MS1) Source: E504293-04 Prepared: 04/30/25 Analyzed: 05/01/25 5.46 0.0250 5.00 ND 70-130 Benzene ND 107 70-130 Ethylbenzene 5.34 0.0250 5.00 Toluene 5.42 0.0250 5.00 ND 108 70-130 5.28 ND 106 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.7 0.0500 10.0 ND 107 70-130 16.0 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.17 8.00 Matrix Spike Dup (2518053-MSD1) Source: E504293-04 Prepared: 04/30/25 Analyzed: 05/01/25 5.36 0.0250 5.00 ND 70-130 1.80 27 ND 70-130 1.44 5.26 0.0250 5.00 105 26 Ethylbenzene Toluene 5 33 0.0250 5.00 ND 107 70-130 1.61 20 5.20 5.00 ND 104 70-130 1.57 25 o-Xylene 0.0250 1.25 23 10.6 10.0 ND 106 70-130

0.0500

0.0250

15.0

8.00

ND

105

102

70-130

70-130

1.36

26

15.8

8.19



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:35:01PM

Artesia NM, 88210		Project Manage		na Byers				5	/6/2025 12:35:01PM
	Non	halogenated	Organics l	y EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2518053-BLK1)							Prepared: 04	1/30/25 Ana	alyzed: 05/01/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			
LCS (2518053-BS2)							Prepared: 04	1/30/25 Ana	alyzed: 05/01/25
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		92.9	70-130			
Matrix Spike (2518053-MS2)				Source:	E504293-	04	Prepared: 04	1/30/25 Ana	alyzed: 05/01/25
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			
Matrix Spike Dup (2518053-MSD2)				Source:	E504293-	04	Prepared: 04	1/30/25 Ana	alyzed: 05/01/25
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	ND	83.1	70-130	0.870	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:35:01PM

	Project Manager	r: Ar	na Byers					5/6/2025 12:35:01PN
Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 04	4/30/25 A	nalyzed: 04/30/25
ND	25.0							
ND	50.0							
46.7		50.0		93.4	61-141			
						Prepared: 04	4/30/25 A	nalyzed: 04/30/25
254	25.0	250		101	66-144			
47.1		50.0		94.2	61-141			
			Source:	E504292-0	02	Prepared: 04	4/30/25 A	nalyzed: 04/30/25
265	25.0	250	ND	106	56-156			
47.9		50.0		95.8	61-141			
			Source:	E504292-0	02	Prepared: 04	4/30/25 A	nalyzed: 04/30/25
266	25.0	250	ND	107	56-156	0.554	20	
48.5		50.0		97.1				
	Result mg/kg ND ND 46.7 254 47.1	Nonhalogenated Organization Reporting Limit mg/kg Limit mg/kg	Nonhalogenated Organics by	Nonhalogenated Organics by EPA 80151 Result	Nonhalogenated Organics by EPA 8015D - DRO	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg mg/kg % % % %	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Limit Level Result Rec Limits RPD mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % %	Result mg/kg Reporting Limit Level Level mg/kg Source Result Rec Limits RPD Limit mg/kg Rec Limits mg/kg RPD Limit RPD Limit RPD Limit RPD Limit RPD Mg/kg RPD Limit RPD Limit RPD Mg/kg RPD Mg/k



Matrix Spike Dup (2518061-MSD1)

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	: 0	OMCAT 21 F 1058-0007 Anna Byers	EDERAL ;	#001			Reported: 5/6/2025 12:35:01PM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2518061-BLK1)							Prepared: 0	4/30/25 A	nalyzed: 04/30/25
Chloride	ND	20.0							
LCS (2518061-BS1)							Prepared: 0	4/30/25 A	nalyzed: 04/30/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2518061-MS1)				Source:	E504294-	02	Prepared: 0	4/30/25 A	nalyzed: 04/30/25
Chloride	540	20.0	250	295	98.0	80-120			

250

20.0

Source: E504294-02

101

80-120

1.49

QC Summary Report Comment:

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



Prepared: 04/30/25 Analyzed: 04/30/25

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Definitions and Notes

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/06/25 12:35

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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





to Imaging: 9/5/2025 2:58:07 PM

Chain of Custody

	Clie	nt Inform	nation		Invoice Information				La	b Us	e Or	yly				T	AT		State	e	
Project:	evan Energy TOMCAT 21	FEDERAL		any, Lo	Company: Devon Address: 5315 Re	Energy Production sena Vista Dr.	Cn,	Lat E	300	29	4	ac	Num 58	a	77	1D 2D 30 Std			MM CO UT TX		
Francisco Company	Manager: An	The second second	100		Martin and the State of the Sta	eristrad, NM, 88220)														
-	13000 W Co te. Zip_Odes			_		one: 575-885-7502 Analysis and Method						Analysis and M					5DWA	PA Progra	RERA		
	32-305-6415		700			W: nRM2003860041		-		ш						ш			SPAN	CAAN	MEIN
	MTXGeoGro		benv.con	v	and the second s	cond By: Haleigh Bi			夏	1000						Ш		Ш	Complan		or N
6-				Sample Infor	ormation					10	1	8	n	3	1	Ш	2	e l	#WSID #		
Time.	Siti Sered	Shrtrsi	Service:		Sample ID			Lab Number	photos	ghtype	ertis ky	VICTAL BEIN	Chinese	W(0)3	A115+03		2000	8	Samples Temp	Ren	merbs.
11:10	4/28/3025	5	-1		BH02		0.5	1									x		30		
11/15	4/28/1025	5	1		BHOZ		T.	2	T								×		2.8		
11/20	4/30/2025	5	-12		89102			3	Т								×		25	-	
11:25	A/22/7025	\$	1.		BHQ2		3	4	T							П	X		24		
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Reinquit	DE TO	DIL	150	14/71/2015	Time	Michelle	G	mark	eç	4	49	15	5	Time	6	35				equiring th	
hals	electro d	Hong	rleg	4.29.25	1700	La Sport	L			4.	29	.2	5	Tires	17	200	Ide Historia Har				
Reingfur	and in Sissens	1.		4-29.25	2330	Cartle	n	ran		41.	30,	ks	-	800		#DOVE 0 b		n less than quent day			
helmount	ed by: (Signatur	4)		Date	-	Persived by (Dignition	rej			Deni			Terre						Lab Use Only Reselved on ice:		
Relinguni	ed by (Septatus	el.		Deta	Test	Received by (Signific	rit)			Dans				Time						V N	
Dengy No.	To 2 - 100 (M - 1	ole, Mg - Tile	tari A riAssi	ross, Ø - Other	-	-	Cons	arme Typ	ne g -	glass	m- p	alw/r	laste	ag-	amit	int gla	ss. v	-VOA			
Note: San	ples in discard	et 14 dess	affer resul	th are reported unless o		re riside. Hazardosa san miny of the fatocology i	ralei i	will be retr	med	D. Cilia	fign 6	hopes	ed of	at the			_		for the sea	vsq of the	aboye

Printed: 4/30/2025 10:40:25AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/30/25	08:00	Work Order ID:	E504294
Phone:	(575) 748-0176	Date Logged In:	04/29/25	14:55	Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:		17:00 (4 day TAT)	Bogged in By.	Cumin man
Lilium.	amageteenen, tom	Due Date.	03/00/23	17.00 (1 day 1711)		
Chain o	f Custody (COC)					
	the sample ID match the COC?		Yes			
	the number of samples per sampling site location mat	ch the COC	Yes			
	samples dropped off by client or carrier?		Yes	Carrier: Courier		
	ne COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic		Yes		Commen	ts/Resolution
Sample	Turn Around Time (TAT)					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	Cooler					
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
•	ne sample(s) received intact, i.e., not broken?		Yes			
	c custody/security seals present?		No			
	s, were custody/security seals intact?					
•	• •		NA			
	he sample received on ice? Note: Thermal preservation is not required, if samples are 15 minutes of sampling COC for individual sample temps. Samples outside of		Yes	in comments		
		o c-o c win be	recorded	in comments.		
	Container 19		3.7			
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field La						
	e field sample labels filled out with the minimum info	rmation:				
	Sample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes			_
			Yes			
	Preservation s the COC or field labels indicate the samples were pr	acarrad?	No			
	•	esci veu:	NA			
	sample(s) correctly preserved? of filtration required and/or requested for dissolved me	+a1a9				
		1015:	No			
	ase Sample Matrix					
	s the sample have more than one phase, i.e., multiphas		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborator	y ?	No			
	a subcontract laboratory specified by the client and if	-	NA	Subcontract Lab: NA		
Client l	<u>Instruction</u>					
<u> </u>						1
				_		(3)
Signa	ture of client authorizing changes to the COC or sample disp	osition.		Dat	e	envirotech Inc

Received by OCD: 8/20/2025 6:29:44 AM





	Clie	ent Inform	nation			Invoice Information Lab Use Only					-7	AT				State									
Client: D	evon Energy	Producti	on Comp	any, LP			Energy Production	Co.	13	ide to	AVOID		-		Num	her		10 20 30 St			Stell	17	and o	O UT	
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the second section	Manager: An				Э	City, State, Zip. C	Carlsbad, NM, \$8220)		-		-	-	343					-	-		-	-	1	_
_	13000 W C					Phone: 575-885-	7502							Ana	dysis	and	Met	hod					EPA	Progra	m.
	te, Zip_Odes 32-305-641		765			Email: Jim.raley@			_	П	ш											5DW	IA I	CWA.	RCRA
	MTXGeoGro		hannen		ь.		N: nEM200380001 3			ш															
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Note: Samples in	eles are discard applicable only	ed 14 days to those sa	ofter result; nules recei	are reported unle- wed by the listorate	ss of cy w	har arrangements are oth this COC. The Roll	n made. Hazardous cam bility of the laboratory is	oles i	WII be red	arna	ed be	4/Sept.	or d	COOKE	dista	ther	Sent	esper	tae Ti	he rep	art la	r the ar	talysis o	of the ab	ariet .

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E504295

Job Number: 01058-0007

Received: 4/30/2025

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 5/6/25

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

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

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

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

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

Date Reported: 5/6/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E504295

Date Received: 4/30/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/30/2025 8:00:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

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mgonzales@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/06/25 12:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 0.5'	E504295-01A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH03 1'	E504295-02A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH03 2'	E504295-03A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH03 3'	E504295-04A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH03 4'	E504295-05A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:32:59PM

BH03 0.5' E504295-01

		E304273-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		92.6 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2518061
Chloride	54.9	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:32:59PM

BH03 1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA	<u> </u>	Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2518053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		91.8 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2518061
Chloride	89.6	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:32:59PM

BH03 2'

	Danartina				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: BA		Batch: 2518053
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0500	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
	101 %	70-130	04/30/25	05/01/25	
mg/kg	mg/kg	An	alyst: BA	Batch: 2518053	
ND	20.0	1	04/30/25	05/01/25	
	91.8 %	70-130	04/30/25	05/01/25	
mg/kg	mg/kg	An	Analyst: KH		Batch: 2518063
ND	25.0	1	04/30/25	04/30/25	
ND	50.0	1	04/30/25	04/30/25	
	89.5 %	61-141	04/30/25	04/30/25	
mg/kg	mg/kg	An	alyst: DT		Batch: 2518061
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MD 20.0 91.8 % mg/kg ND 25.0 ND 50.0 89.5 %	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg An ND 20.0 1 91.8 % 70-130 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 89.5 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0500 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/30/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 ND 50.0 1 04/30/25 89.5 % 61-141 04/30/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/30/25 05/01/25 ND 0.0500 1 04/30/25 05/01/25 ND 0.0250 1 04/30/25 05/01/25 MD 70-130 04/30/25 05/01/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/30/25 05/01/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 04/30/25 ND 25.0 1 04/30/25 04/30/25 ND 50.0 1 04/30/25 04/30/25 ND 50.0 1 04/30/25 04/30/25 89.5 %



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:32:59PM

BH03 3'

	Reporting				
Result	Limit	Dilutior	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2518053
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
ND	0.0500	1	04/30/25	05/01/25	
ND	0.0250	1	04/30/25	05/01/25	
	103 %	70-130	04/30/25	05/01/25	
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2518053
ND	20.0	1	04/30/25	05/01/25	
	93.0 %	70-130	04/30/25	05/01/25	
mg/kg	mg/kg	Ana	alyst: KH		Batch: 2518063
ND	25.0	1	04/30/25	04/30/25	
ND	50.0	1	04/30/25	04/30/25	
	94.8 %	61-141	04/30/25	04/30/25	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2518061
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO3 % mg/kg ND 20.0 93.0 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 mg/kg mg/kg And ND 20.0 1 93.0 % 70-130 mg/kg mg/kg And ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0250 1 04/30/25 ND 0.0500 1 04/30/25 ND 0.0250 1 04/30/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/30/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 ND 25.0 1 04/30/25 ND 50.0 1 04/30/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/30/25 05/01/25 ND 0.0250 1 04/30/25 05/01/25 ND 0.0250 1 04/30/25 05/01/25 ND 0.0500 1 04/30/25 05/01/25 ND 0.0250 1 04/30/25 05/01/25 ND 0.0250 1 04/30/25 05/01/25 MD 0.0250 1 04/30/25 05/01/25 mg/kg mg/kg Analyst: BA ND 20.0 1 04/30/25 05/01/25 mg/kg mg/kg Analyst: KH ND 25.0 1 04/30/25 04/30/25 ND 25.0 1 04/30/25 04/30/25 ND 50.0 1 04/30/25 04/30/25



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:32:59PM

BH03 4'

		D				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2518053
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2518053
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2518063
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		94.9 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2518061
Chloride	5720	40.0	2	04/30/25	05/01/25	



TOMCAT 21 FEDERAL #001 Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/6/2025 12:32:59PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2518053-BLK1) Prepared: 04/30/25 Analyzed: 05/01/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.12 8.00 102 70-130 LCS (2518053-BS1) Prepared: 04/30/25 Analyzed: 05/01/25 5.71 114 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.63 0.0250 5.00 113 70-130 5.69 0.0250 5.00 114 70-130 Toluene 111 o-Xylene 5.56 0.0250 5.00 70-130 11.3 10.0 113 70-130 0.0500 p.m-Xvlene 113 70-130 16.9 15.0 Total Xylenes 0.0250 8.00 101 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.06 Matrix Spike (2518053-MS1) Source: E504293-04 Prepared: 04/30/25 Analyzed: 05/01/25 5.46 0.0250 5.00 ND 70-130 Benzene ND 107 70-130 Ethylbenzene 5.34 0.0250 5.00 Toluene 5.42 0.0250 5.00 ND 108 70-130 5.28 ND 106 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.7 0.0500 10.0 ND 107 70-130 16.0 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.17 8.00 Matrix Spike Dup (2518053-MSD1) Source: E504293-04 Prepared: 04/30/25 Analyzed: 05/01/25 5.36 0.0250 5.00 ND 70-130 1.80 27 ND 70-130 1.44 5.26 0.0250 5.00 105 26 Ethylbenzene Toluene 5 33 0.0250 5.00 ND 107 70-130 1.61 20 5.20 5.00 ND 104 70-130 1.57 25 o-Xylene 0.0250 1.25 23 10.6 10.0 ND 106 70-130 p,m-Xylene 0.0500 Total Xylenes 15.8 0.0250 15.0 ND 105 70-130 1.36 26

8.00

102

70-130



Surrogate: 4-Bromochlorobenzene-PID

8.19

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 12:32:59PM

Artesia NM, 88210		Project Manage	r: An	na Byers				5.	6/2025 12:32:59PN
	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
Blank (2518053-BLK1)							Prepared: 04	4/30/25 Ana	lyzed: 05/01/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			
LCS (2518053-BS2)							Prepared: 04	4/30/25 Ana	lyzed: 05/01/25
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		92.9	70-130			
Matrix Spike (2518053-MS2)				Source:	E504293-	04	Prepared: 04	4/30/25 Ana	lyzed: 05/01/25
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			
Matrix Spike Dup (2518053-MSD2)				Source:	E504293-	04	Prepared: 04	4/30/25 Ana	lyzed: 05/01/25
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	ND	83.1	70-130	0.870	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			

Devon Energy - Carlsbad Project Name: TOMCAT 21 FEDERAL #001 Reported:
6488 7 Rivers Hwy Project Number: 01058-0007
Artesia NM, 88210 Project Manager: Anna Byers 5/6/2025 12:32:59PM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers					5/6/2025 12:32:59PN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518063-BLK1)							Prepared: 0-	4/30/25 A	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.7		50.0		93.4	61-141			
LCS (2518063-BS1)							Prepared: 0-	4/30/25 A	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	254	25.0	250		101	66-144			
Surrogate: n-Nonane	47.1		50.0		94.2	61-141			
Matrix Spike (2518063-MS1)				Source:	E504292-	02	Prepared: 0-	4/30/25 A	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	47.9		50.0		95.8	61-141			
Matrix Spike Dup (2518063-MSD1)				Source:	E504292-0	02	Prepared: 0	4/30/25 A	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	266	25.0	250	ND	107	56-156	0.554	20	
Surrogate: n-Nonane	48.5		50.0		97.1	61-141			

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	0	OMCAT 21 Fl 1058-0007 Anna Byers	EDERAL ‡	#001			Reported: 5/6/2025 12:32:59PM
,		<u> </u>		300.0/9056 <i>A</i>	A				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2518061-BLK1)							Prepared: 0	4/30/25 A	nalyzed: 04/30/25
Chloride	ND	20.0							
LCS (2518061-BS1)							Prepared: 0	4/30/25 A	nalyzed: 04/30/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2518061-MS1)				Source:	E504294-	02	Prepared: 0	4/30/25 A	nalyzed: 04/30/25
Chloride	540	20.0	250	295	98.0	80-120			
Matrix Spike Dup (2518061-MSD1)				Source:	E504294-	02	Prepared: 0	4/30/25 A	nalyzed: 04/30/25

250

20.0

101

80-120

1.49

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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/06/25 12:32

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.



	Clie	ot Inform	nation		Invo	oice Information		- 10		U	ab Us	se Or	hly				7	AT		Stat	e e
Project:	Pevan Energy TOMCAT 21	FEDERAL	ion Comp #001	arry, LP	Address: 5315 B			E	ab WC	420	15	Job OD	Num	DO.	1	10	2D	3D Std	NM X	co un	TX
	Manager: And : 13000 W Co		100		Phone: 575-885-	Carlsbad, NM, 88220)	-8			300	Ami	llysis	and	S.B.i.e	thed			-	PA Progr	
	te, Zip Odes				Email: jim raleyi					-		Alle	nysts	MENU	HANGE	l l			3DWA	CWA	RCRA
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	om \$ 500,56-1					ani made Travardous Ani		tainer T													

Lamples in approaches only in finite Lamples received by the fellowings with this COC. The fellowing of the laboratory is leaded to the amount paid for on the report.

Printed: 4/30/2025 10:41:47AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/30/25	08:00		Work Order ID:	E504295
Phone:	(575) 748-0176	Date Logged In:	04/29/25	14.58		Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:		17:00 (4 day TAT)		Logged III Dy.	Cultural Francis
Chain of	Custody (COC)						
1. Does t	he sample ID match the COC?		Yes				
2. Does t	he number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	ourier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	_			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i		Yes			G	to/Docalestics
	i.e, 15 minute hold time, are not included in this disucssi	on.		г		Comment	ts/Resolution
	Furn Around Time (TAT) e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	, were custody/security seals intact?		NA				
	ne sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples ar 15 minutes of sampling						
13. See C	COC for individual sample temps. Samples outside of	f 0°C-6°C will be	recorded	in comments.			
	<u>Container</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contai	ners collected?	Yes				
Field La		.•					
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes				
	Date/Time Collected?		Yes	L			
	Collectors name?		Yes				
Sample I	Preservation						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved m	etals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subconti	ract Laboratory						
	amples required to get sent to a subcontract laborate	irv?	No				
	a subcontract laboratory specified by the client and i	•	NA	Subcontract Lab	· NA		
				Successiva Euro			
Chefft II	<u>nstruction</u>						
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Signat	ture of client authorizing changes to the COC or sample dis	sposition.			Date		envirotech I

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Chain of Custody

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Received by OCD: 8/20/2025 6:29:44 AM



Chain of Custody

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samples is	applicable only	to those sa	mples rece	rived by the laborators	with the COC. The la	mility of the laboratory is	devet	ed to the	e.arro	MI pa	dir o	the r	eport.								

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E504296

Job Number: 01058-0007

Received: 4/30/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 5/6/25

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

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

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

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

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

Date Reported: 5/6/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E504296

Date Received: 4/30/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/30/2025 8:00:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/06/25 13:15

Client Sample ID	Lab Sample ID Matrix	Sampled Receiv	ed Container
BH04 0.5'	E504296-01A Soil	04/28/25 04/30/2	25 Glass Jar, 2 oz.
BH04 1'	E504296-02A Soil	04/28/25 04/30/2	Glass Jar, 2 oz.
BH04 2'	E504296-03A Soil	04/28/25 04/30/2	Glass Jar, 2 oz.
BH04 3'	E504296-04A Soil	04/28/25 04/30/2	Glass Jar, 2 oz.
BH04 4'	E504296-05A Soil	04/28/25 04/30/2	25 Glass Jar. 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:15:05PM

BH04 0.5' E504296-01

		E304270-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2518054
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: BA		Batch: 2518054
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.2 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2518064
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		80.7 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: JM		Batch: 2518068
Chloride	24.6	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:15:05PM

BH04 1'

E504296-02

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: BA		Batch: 2518054
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	Analyst: BA		Batch: 2518054
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		79.7 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	Analyst: KH		Batch: 2518064
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		85.2 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: JM		Batch: 2518068
Chloride	113	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:15:05PM

BH04 2'

E504296-03

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2518054
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	Analyst: BA		Batch: 2518054
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.5 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	Analyst: KH		Batch: 2518064
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		85.0 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2518068
	1130	20.0		04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:15:05PM

BH04 3'

E504296-04						
Reporting						
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2518054
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2518054
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		79.3 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2518064
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		85.4 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2518068
Chloride	3720	40.0	2	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:15:05PM

BH04 4' E504296-05

		2001270 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2518054
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
o,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2518054	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.3 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KH		Batch: 2518064
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	04/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	04/30/25	
Surrogate: n-Nonane		88.8 %	61-141	04/30/25	04/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2518068
Chloride	3800	40.0	2	04/30/25	04/30/25	



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/6/2025 1:15:05PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2518054-BLK1) Prepared: 04/30/25 Analyzed: 04/30/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.22 8.00 103 70-130 LCS (2518054-BS1) Prepared: 04/30/25 Analyzed: 04/30/25 4.75 5.00 94.9 70-130 Benzene 0.0250 Ethylbenzene 4.77 0.0250 5.00 95.4 70-130 4.75 0.0250 5.00 95.0 70-130 Toluene 94.8 o-Xylene 4.74 0.0250 5.00 70-130 9.27 10.0 92.7 70-130 0.0500 p.m-Xvlene 93.4 70-130 14.0 15.0 Total Xylenes 0.0250 8.00 109 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.70 Matrix Spike (2518054-MS1) Source: E504296-01 Prepared: 04/30/25 Analyzed: 05/01/25 5.85 0.0250 5.00 ND 117 70-130 Benzene ND 70-130 Ethylbenzene 5.87 0.0250 5.00 117 Toluene 5.85 0.0250 5.00 ND 117 70-130 5.84 ND 117 70-130 5.00 0.0250 o-Xylene p,m-Xylene 11.4 0.0500 10.0 ND 114 70-130 17.2 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.41 8.00 Matrix Spike Dup (2518054-MSD1) Source: E504296-01 Prepared: 04/30/25 Analyzed: 05/01/25 5.88 0.0250 5.00 ND 70-130 0.590 27 ND 70-130 5.94 0.0250 5.00 119 1.31 26 Ethylbenzene Toluene 5 90 0.0250 5.00 ND 118 70-130 0.849 20 5.90 5.00 ND 118 70-130 0.970 25 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

115

116

101

70-130

70-130

70-130

1.31

1.20



23

26

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

11.5

17.4

8.06

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TOMCAT 21 FEDERAL #001 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:15:05PM

Artesia NM, 88210		Project Manager		nna Byers				5.	/6/2025 1:15:05PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2518054-BLK1)							Prepared: 0	4/30/25 Ana	lyzed: 04/30/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.11		8.00		76.4	70-130			
LCS (2518054-BS2)							Prepared: 0	4/30/25 Ana	lyzed: 05/01/25
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.48		8.00		81.0	70-130			
Matrix Spike (2518054-MS2)				Source:	E504296-	01	Prepared: 0-	4/30/25 Ana	lyzed: 05/01/25
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.96		8.00		87.1	70-130			
Matrix Spike Dup (2518054-MSD2)				Source:	E504296-	01	Prepared: 0	4/30/25 Ana	lyzed: 05/01/25
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.7	70-130	5.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.67		8.00		83.4	70-130			



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:15:05PM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers					5/6/2025 1:15:05PM
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KH									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2518064-BLK1)							Prepared: 0-	4/30/25 Ar	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.9		50.0		81.9	61-141			
LCS (2518064-BS1)							Prepared: 0	4/30/25 Ar	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	213	25.0	250		85.0	66-144			
Surrogate: n-Nonane	40.5		50.0		81.0	61-141			
Matrix Spike (2518064-MS1)				Source:	E504299-	03	Prepared: 0	4/30/25 Ar	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	277	25.0	250	98.7	71.4	56-156			
Surrogate: n-Nonane	44.1		50.0		88.2	61-141			
Matrix Spike Dup (2518064-MSD1)				Source:	E504299-	03	Prepared: 0	4/30/25 Ar	nalyzed: 04/30/25
Diesel Range Organics (C10-C28)	275	25.0	250	98.7	70.4	56-156	0.919	20	
Surrogate: n-Nonane	45.1		50.0		90.1	61-141			



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		OMCAT 21 F1 1058-0007	EDERAL #	[‡] 001			Re	eported:
Artesia NM, 88210		Project Manager:	A	nna Byers					5/6/2025	5 1:15:05PM
		Anions	by EPA 3	300.0/9056	1				Analy	yst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2518068-BLK1)							Prepared: 0	4/30/25	Analyzed:	04/30/25
Chloride	ND	20.0								
LCS (2518068-BS1)							Prepared: 0	4/30/25	Analyzed:	04/30/25
Chloride	252	20.0	250		101	90-110				
Matrix Spike (2518068-MS1)				Source:	E504296-0	03	Prepared: 0	4/30/25	Analyzed:	04/30/25
Chloride	1030	20.0	250	1130	NR	80-120				M4
Matrix Spike Dup (2518068-MSD1)				Source:	E504296-0	03	Prepared: 0	4/30/25	Analyzed:	04/30/25
Chloride	875	20.0	250	1130	NR	80-120	16.5	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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/06/25 13:15

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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	Analytical Labor	atory

	Clies	nt Inform	ation	100	Invo	ice Information				ta	à U	se Or	aly.				T	AT		Stat	ė.
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-	Manager: Ann					aristad, NM, 88220)	-	*	-	-	un	-000	24.	-	-		-	-		-
	13000 W Co		.00		Phone: 575-885-							Ani	rlysis	and	Met	thod			E	PA Progra	am
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13:45	6/08/2025	5	1		89104		1	2									×		2.10		
13:48	4/10/1025	5	1		Вноа		2	3								-	×		29		
13:55	4/29/2015	5	1		BHQ4		3	4									×		3.0		
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Printed: 4/30/2025 10:42:53AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

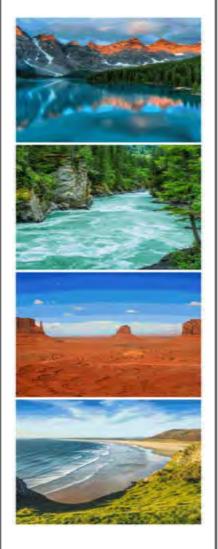
Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/30/25	08:00	Work Order ID:	E504296
Phone:	(575) 748-0176	Date Logged In:	04/29/25		Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:		17:00 (4 day TAT)	Bogget in By.	Cultur Mars
Chain o	f Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location mate	ch the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was tl	ne COC complete, i.e., signatures, dates/times, request	ted analyses?	Yes			
5. Were	all samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio				Commen	ts/Resolution
Sample	Turn Around Time (TAT)					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	Cooler					
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
•	ne sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	s, were custody/security seals intact?					
•			NA			
	he sample received on ice? Note: Thermal preservation is not required, if samples are 15 minutes of sampling		Yes			
13. See 0	COC for individual sample temps. Samples outside of	0°C-6°C will be	recorded	in comments.		
Sample	<u>Container</u>					
14. Are	aqueous VOC samples present?		No			
15. Are	VOC samples collected in VOA Vials?		NA			
16. Is the	e 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 1	non-VOC samples collected in the correct containers?	•	Yes			
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field La	ibel_					
	e field sample labels filled out with the minimum info	rmation:	1 7			
	Sample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes			
	Preservation		Yes			
	the COC or field labels indicate the samples were pro	eserved?	No			
	sample(s) correctly preserved?	eservea.	NA			
	o filtration required and/or requested for dissolved me	tals?	No			
			140			
	ase Sample Matrix	.a9	3.7			
	the sample have more than one phase, i.e., multiphas		No			
21. If ye	s, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborator	-	No			
29. Was	a subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab: NA		
<u>Cli</u> ent l	Instruction					
						(3)
Signa	ture of client authorizing changes to the COC or sample disp	oosition.		Dat	e	envirotech Inc

	Clie	nt Inform	nation		Inv	oice Information				Lab	Jse O	nly	-			TA	T		
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Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E504297

Job Number: 01058-0007

Received: 4/30/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/6/25

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

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

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

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

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

Date Reported: 5/6/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E504297

Date Received: 4/30/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/30/2025 8:00:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/06/25 13:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05 0.5'	E504297-01A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH05 1'	E504297-02A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH05 2'	E504297-03A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH05 3'	E504297-04A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.
BH05 4'	E504297-05A	Soil	04/28/25	04/30/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:26:38PM

BH05 0.5' E504297-01

		E504297-01				
	D 1	Reporting	D.1:	D 1		27.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2518055
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Coluene	ND	0.0250	1	04/30/25	05/01/25	
-Xylene	ND	0.0250	1	04/30/25	05/01/25	
,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Cotal Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2518055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	04/30/25	05/01/25	
Onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2518073
riesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		85.2 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2518076
Chloride	ND	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:26:38PM

BH05 1'

E504297-02

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2518055
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2518055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.8 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KH		Batch: 2518073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		85.4 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: JM		Batch: 2518076
Chloride	ND	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:26:38PM

BH05 2'

E504297-03

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2518055
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2518055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2518073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		83.8 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: JM		Batch: 2518076
Chloride	61.3	20.0	1	04/30/25	04/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:26:38PM

BH05 3'

E504297-04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2518055
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2518055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KH		Batch: 2518073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		82.4 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: JM		Batch: 2518076
inions by Eliteoutory death						



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:26:38PM

BH05 4'

		E504297-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518055
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2518055
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	04/30/25	05/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2518073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/30/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/30/25	05/01/25	
Surrogate: n-Nonane		85.6 %	61-141	04/30/25	05/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2518076
Chloride	1270	20.0	1	04/30/25	04/30/25	



TOMCAT 21 FEDERAL #001 Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/6/2025 1:26:38PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2518055-BLK1) Prepared: 04/30/25 Analyzed: 04/30/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.92 8.00 98.9 70-130 LCS (2518055-BS1) Prepared: 04/30/25 Analyzed: 05/01/25 4.27 5.00 85.5 70-130 Benzene 0.0250 Ethylbenzene 4.27 0.0250 5.00 85.5 70-130 4.30 0.0250 5.00 86.1 70-130 Toluene o-Xylene 4.30 0.0250 5.00 86.0 70-130 8.57 10.0 85.7 70-130 0.0500 p.m-Xvlene 85.8 70-130 12.9 15.0 Total Xylenes 0.0250 8.00 101 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.10 Matrix Spike (2518055-MS1) Source: E504302-01 Prepared: 04/30/25 Analyzed: 05/01/25 4.44 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 4.43 0.0250 5.00 88.6 Toluene 4.46 0.0250 5.00 ND 89.3 70-130 4.44 ND 88.8 70-130 5.00 0.0250 o-Xylene p,m-Xylene 8.85 0.0500 10.0 ND 88.5 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.69 8.00 Matrix Spike Dup (2518055-MSD1) Source: E504302-01 Prepared: 04/30/25 Analyzed: 05/01/25

4.34

4.30

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ND

ND

ND

ND

ND

ND

86.0

86.9

86.2

85.8

85.9

100

70-130

70-130

70-130

70-130

70-130

70-130

70-130

2.38

2.92

2.70

2.98

3.07

3.04

27

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:26:38PM

Artesia NM, 88210		Project Manage		nna Byers					5/6/2025 1:26:38PM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2518055-BLK1)							Prepared: 0	4/30/25 Ar	nalyzed: 04/30/25
Gasoline Range Organics (C6-C10)	ND	20.0						·	·
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.94		8.00		99.3	70-130			
LCS (2518055-BS2)							Prepared: 0	4/30/25 Ar	nalyzed: 05/01/25
Gasoline Range Organics (C6-C10)	44.7	20.0	50.0		89.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		100	70-130			
Matrix Spike (2518055-MS2)				Source:	E504302-	01	Prepared: 0	4/30/25 Ar	nalyzed: 05/01/25
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.11		8.00		101	70-130			
Matrix Spike Dup (2518055-MSD2)				Source:	E504302-	01	Prepared: 0	4/30/25 Ar	nalyzed: 05/01/25
Gasoline Range Organics (C6-C10)	42.7	20.0	50.0	ND	85.4	70-130	8.91	20	

8.00

7.91

98.9

70-130

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/6/2025 1:26:38PM

	Project Manager	r: Ar	na Byers					5/6/2025 1:26:38PM
Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0-	4/30/25 A	nalyzed: 05/01/25
ND	25.0							
ND	50.0							
40.7		50.0		81.4	61-141			
						Prepared: 0	4/30/25 A	nalyzed: 05/01/25
209	25.0	250		83.5	66-144			
40.4		50.0		80.8	61-141			
			Source:	E504302-0	04	Prepared: 0	4/30/25 A	nalyzed: 05/01/25
225	25.0	250	ND	90.1	56-156			
43.6		50.0		87.3	61-141			
			Source:	E504302-0	04	Prepared: 0	4/30/25 A	nalyzed: 05/01/25
228	25.0	250	ND	91.1	56-156	1.04	20	
42.8		50.0		85.7				
	Result mg/kg ND ND 40.7 209 40.4 225 43.6	Nonhalogenated Organization Nonhalogenated Organization Reporting Limit mg/kg	Nonhalogenated Organics by Nonhalogenated Organics by	Nonhalogenated Organics by EPA 80151	Nonhalogenated Organics by EPA 8015D - DRO Nonhalogenated Organics by EPA 8015D - DRO Nonhalogenated Organics by EPA 8015D - DRO Nonhalogenated Spike Result Rec Result Rec mg/kg mg/kg mg/kg % Nonhalogenated Nonhalo	Nonhalogenated Organics by EPA 8015D - DRO/ORO Result Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg % % % % % % % % %	Result	Result mg/kg Reporting Limit mg/kg Spike Level mg/kg Source Result mg/kg Rec Limits mg/kg RPD Limit RPD Limit mg/kg RPD Limit RPD Mg/kg RPP Mg/kg RPD Mg/kg RPD Mg/kg RPD Mg/kg RPD Mg/kg RPP Mg/kg RP Mg/kg RPP Mg/kg RP Mg/kg



Chloride

Chloride

Matrix Spike Dup (2518076-MSD1)

M4

Prepared: 04/30/25 Analyzed: 04/30/25

20

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	0	OMCAT 21 F1 1058-0007 nna Byers	EDERAL	#001			Reported: 5/6/2025 1:26:38PM
111111111111111111111111111111111111111		<u> </u>		300.0/9056A	<u> </u>				Analyst: JM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2518076-BLK1)							Prepared: 0	4/30/25 An	alyzed: 04/30/25
Chloride	ND	20.0							
LCS (2518076-BS1)							Prepared: 0	4/30/25 An	alyzed: 04/30/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2518076-MS1)				Source:	E504302-	02	Prepared: 0	4/30/25 An	alyzed: 04/30/25

250

250

200

200

5000

5000

551

445

Source: E504302-02

80-120

80-120

4.25

6380

6120

QC Summary Report Comment:

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



Definitions and Notes

ſ	Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Anna Byers	05/06/25 13:26

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Con	viro	tech
20.		Laboratory

	Clie	nt inform	nation		l birvo	oice Information				U	ıb U	se Or	dy			- 14	TAT			State
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envirotech Inc.

Printed: 4/30/2025 10:44:11AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Climate	Devon Energy - Carlsbad	Date Received:	04/20/25	00.00		WdO-dID-	E504207
Client:			04/30/25			Work Order ID:	E504297
Phone:	(575) 748-0176	Date Logged In:	04/29/25			Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	05/06/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	'armian		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier. <u>C</u>	<u>ourier</u>		
	Il samples received within holding time?	stea analyses.	Yes				
	Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi					Comment	s/Resolution
Sample T	urn Around Time (TAT)	on.		[<u> </u>	
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	Cooler						
7. Was a s	sample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	were custody/security seals intact?		NA				
12. Was the	e sample received on ice?		Yes				
12, 1145	Note: Thermal preservation is not required, if samples at 15 minutes of sampling	re received within	103				
13. See C	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.			
Sample C	<u>Container</u>						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes Yes				
	reservation		108				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved m	etals?	No				
Multinha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	ıse?	No				
	does the COC specify which phase(s) is to be anal		NA				
•		,	1471				
	act Laboratory	9	NT.				
	amples required to get sent to a subcontract laborate	-	No NA	C.1 4 4T.1	3.7.4		
	subcontract laboratory specified by the client and i	1 so who?	NA	Subcontract Lab	: NA		
Client In	<u>struction</u>						
L							

Date

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

Received by OCD: 8/20/2025 6:29:44 AM

Page 17 of 17

_	Clie	ent Inform	nation		Inve	oice Information					ab U	se Or	ily	-	П		TAT	1		1	State		
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	TOMCAT 21		W001		Address: 5315 B	uesa Vista Dr.	-	E	9	42	97	OK	158	·co	7				1 1	Х			
	Manager: An				City, State, Zip: 0	arlsbad, NM, 88220	0.													-			
	13000 W G				Phone: 575-885-						-	Ana	lysis	and N	Aeth	bo				EP.	A Progra	im	
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Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505034

Job Number: 01058-0007

Received: 5/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/8/25

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

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

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

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

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

Date Reported: 5/8/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505034

Date Received: 5/5/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 09:20

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH06 0.5'	E505034-01A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH06 1'	E505034-02A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH06 2'	E505034-03A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH06 3'	E505034-04A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH06 4'	E505034-05A Soil	05/01/25	05/05/25	Glass Jar. 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:20:16AM

BH06 0.5' E505034-01

		E505034-01				
	D 1:	Reporting	Dil d	D 1		N.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Coluene	ND	0.0250	1	05/05/25	05/06/25	
-Xylene	ND	0.0250	1	05/05/25	05/06/25	
,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	05/05/25	05/06/25	
Sonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2519037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Dil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		96.2 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2519030
Chloride	ND	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:20:16AM

BH06 1'

E505034-02

Reporting Limit	Dilution	Prepared	Analyzed	Notes
п				
mg/kg	Analyst	: SL		Batch: 2519019
0.0250	1	05/05/25	05/06/25	
0.0250	1	05/05/25	05/06/25	
0.0250	1	05/05/25	05/06/25	
0.0250	1	05/05/25	05/06/25	
0.0500	1	05/05/25	05/06/25	
0.0250	1	05/05/25	05/06/25	
98.4 %	70-130	05/05/25	05/06/25	
mg/kg	Analyst	: SL		Batch: 2519019
20.0	1	05/05/25	05/06/25	
100 %	70-130	05/05/25	05/06/25	
mg/kg	Analyst	: KH		Batch: 2519037
25.0	1	05/06/25	05/06/25	
50.0	1	05/06/25	05/06/25	
95.6 %	61-141	05/06/25	05/06/25	
75.0 70	01 1/1			
mg/kg	Analyst	: IY		Batch: 2519030
	0.0250 0.0250 0.0250 0.0500 0.0250 98.4 % mg/kg 20.0 100 % mg/kg 25.0 50.0	0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 98.4 % 70-130 mg/kg Analyst 20.0 1 100 % 70-130 mg/kg Analyst 25.0 1 50.0 1	0.0250 1 05/05/25 0.0250 1 05/05/25 0.0250 1 05/05/25 0.0250 1 05/05/25 0.0500 1 05/05/25 0.0250 1 05/05/25 98.4 % 70-130 05/05/25 mg/kg Analyst: SL 20.0 1 05/05/25 100 % 70-130 05/05/25 mg/kg Analyst: KH 25.0 1 05/06/25 50.0 1 05/06/25	0.0250 1 05/05/25 05/06/25 0.0250 1 05/05/25 05/06/25 0.0250 1 05/05/25 05/06/25 0.0250 1 05/05/25 05/06/25 0.0500 1 05/05/25 05/06/25 0.0250 1 05/05/25 05/06/25 98.4 % 70-130 05/05/25 05/06/25 mg/kg Analyst: SL 20.0 1 05/05/25 05/06/25 100 % 70-130 05/05/25 05/06/25 mg/kg Analyst: KH 25.0 1 05/06/25 05/06/25 50.0 1 05/06/25 05/06/25



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:20:16AM

BH06 2'

E505034-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2519037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		97.6 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2519030
Chloride	ND	20.0	1	05/05/25	05/06/25	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:20:16AM

BH06 3'

		E505034-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2519019
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
o,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2519019
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2519037
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
Surrogate: n-Nonane		97.6 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2519030

20.0

20.9

05/05/25

05/06/25



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:20:16AM

BH06 4' E505034-05

	E303054 03				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2519019
ND	0.0250	1	05/05/25	05/07/25	
ND	0.0250	1	05/05/25	05/07/25	
ND	0.0250	1	05/05/25	05/07/25	
ND	0.0250	1	05/05/25	05/07/25	
ND	0.0500	1	05/05/25	05/07/25	
ND	0.0250	1	05/05/25	05/07/25	
	101 %	70-130	05/05/25	05/07/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2519019
ND	20.0	1	05/05/25	05/07/25	
	94.1 %	70-130	05/05/25	05/07/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2519037
ND	25.0	1	05/06/25	05/06/25	
ND	50.0	1	05/06/25	05/06/25	
	97.9 %	61-141	05/06/25	05/06/25	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2519030
80.3	20.0	1	05/05/25	05/06/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IOI % mg/kg MB/kg mg/kg ND 20.0 94.1 % mg/kg ND 25.0 ND 50.0 97.9 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MB/kg mg/kg Anal ND 20.0 1 94.1 % 70-130 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 97.9 % 61-141 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0500 1 05/05/25 ND 0.0250 1 05/05/25 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 mg/kg mg/kg Analyst: KH ND 25.0 1 05/06/25 ND 50.0 1 05/06/25 ND 50.0 1 05/06/25 mg/kg Mg/kg Analyst: KH	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 05/07/25 ND 0.0500 1 05/05/25 05/07/25 ND 0.0250 1 05/05/25 05/07/25 ND 0.0250 1 05/05/25 05/07/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 05/07/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 05/07/25 mg/kg mg/kg Analyst: KH ND 25.0 1 05/06/25 05/06/25 ND 50.0 1 05/06/25 05/06/25 ND 50.0



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/8/2025 9:20:16AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2519019-BLK1) Prepared: 05/05/25 Analyzed: 05/06/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.46 8.00 93.2 70-130 LCS (2519019-BS1) Prepared: 05/05/25 Analyzed: 05/06/25 3.87 5.00 77.5 70-130 Benzene 0.0250 Ethylbenzene 3.86 0.0250 5.00 77.2 70-130 3.89 0.0250 5.00 77.8 70-130 Toluene 77.3 o-Xylene 3.86 0.0250 5.00 70-130 7.74 10.0 77.4 70-130 0.0500 p.m-Xvlene 77.4 70-130 11.6 15.0 Total Xylenes 0.0250 8.00 99.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.97 Matrix Spike (2519019-MS1) Source: E505032-04 Prepared: 05/05/25 Analyzed: 05/06/25 3.99 0.0250 5.00 ND 70-130 Benzene 3.92 ND 78.4 70-130 Ethylbenzene 0.0250 5.00 Toluene 3.98 0.0250 5.00 ND 79.7 70-130 3.96 ND 79.3 70-130 5.00 0.0250 o-Xylene p,m-Xylene 7.85 0.0500 10.0 ND 78.5 70-130 11.8 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.94 8.00 Matrix Spike Dup (2519019-MSD1) Source: E505032-04 Prepared: 05/05/25 Analyzed: 05/06/25 4.42 0.0250 5.00 ND 88.3 70-130 10.1 27 70-130 4.39 0.0250 5.00 ND 87.9 11.4 26 Ethylbenzene Toluene 4 44 0.0250 5.00 ND 88.7 70-130 10.7 20 4.41 5.00 ND 88.1 70-130 10.6 25 o-Xylene 0.0250 23 8.80 10.0 ND 88.0 70-130 11.5 p,m-Xylene 0.0500



13.2

7.91

0.0250

15.0

8.00

ND

88.1

98.9

70-130

70-130

11.2

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:20:16AM

Artesia NM, 88210		Project Manage	r: Ar	nna Byers				5/8	8/2025 9:20:16AM	
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: SL		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2519019-BLK1)							Prepared: 0	5/05/25 Anal	yzed: 05/06/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.26		8.00		103	70-130				
LCS (2519019-BS2)							Prepared: 0	5/05/25 Anal	yzed: 05/06/25	
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.51		8.00		106	70-130				
Matrix Spike (2519019-MS2)				Source:	E505032-	04	Prepared: 0	5/05/25 Anal	yzed: 05/06/25	
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.07		8.00		101	70-130				
Matrix Spike Dup (2519019-MSD2)				Source:	E505032-	04	Prepared: 0	5/05/25 Anal	yzed: 05/06/25	
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130	7.80	20		

8.00

8.47

106

70-130

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:20:16AM

yers				5/8/2025 9:20:16AM
8015D - DRO/C	ORO			Analyst: KH
ource Result Rec	Rec Limits	RPD	RPD Limit	
ng/kg %	%	%	%	Notes
		Prepared: 0:	5/06/25 A	analyzed: 05/06/25
98.4	61-141			
		Prepared: 0:	5/06/25 A	analyzed: 05/06/25
105	66-144			
98.2	61-141			
Source: E505034-01		Prepared: 0:	5/06/25 A	analyzed: 05/06/25
ND 104	56-156			
97.4	61-141			
Source: E505034-01		Prepared: 0:	5/06/25 A	analyzed: 05/06/25
ND 106	56-156	1.64	20	
98.2	61-141			
S	98.4 105 98.2 104 97.4 106	98.4 61-141 105 66-144 98.2 61-141 ND 104 56-156 97.4 61-141 tource: E505034-01 ND 106 56-156	8015D - DRO/ORO Durce esult Rec Limits RPD 105 98.4 61-141 Prepared: 0: 105 66-144 98.2 61-141 Prepared: 0: ND 104 56-156 97.4 61-141 Prepared: 0: 0urce: E505034-01 Prepared: 0: ND 106 56-156 1.64	8015D - DRO/ORO Durce esult Rec Limits RPD Limit ng/kg % % % % % % % % % % % % % % % % % % %



Matrix Spike Dup (2519030-MSD1)

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manager	: 0	COMCAT 21 F 1058-0007 Anna Byers	EDERAL:	#001		:	Reported: 5/8/2025 9:20:16AM
		Anions	by EPA	300.0/9056	A				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2519030-BLK1)							Prepared: 0	5/05/25 An	alyzed: 05/06/25
Chloride	ND	20.0							
LCS (2519030-BS1)							Prepared: 0	5/05/25 An	alyzed: 05/06/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2519030-MS1)				Source:	E505032-	02	Prepared: 0	5/05/25 An	alyzed: 05/06/25
Chloride	303	20.0	250	46.3	103	80-120			

250

20.0

Source: E505032-02

102

80-120

0.322

46.3

QC Summary Report Comment:

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



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

20

Definitions and Notes

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 09:20

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.



irot	€				Chamo	Cusi	July													
Clie	nt Inform	nation		Inv	roice Information				L	ab U	se Or	nly				TA	AT		Stat	e
			any, LP	ACCOUNT OF THE PROPERTY.	The second secon	n Co.			0#		_	Num		-0	1D	2D	3D 5		CO UT	TX
		#001				10	E	50	203	4	010	35	-30	0.4.				X		
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											7,00	19313	- Contract	1				SDWA	CWA	RCRA
32-305-6415				Miscellaneous:																
MTXGeoGrou	ip@etec	henv.com	Y	PN: 19304				1 1	98			45	Ш,	1	Ш			-	ce Y	or N
			Sample I	nformation				- 3	8/40	8021	9260	9300.0	14-8	Metals	М	144	×			
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5/1/2025	5	1		BH06		0.5	1									X		3.6		
5/1/2025	5	1		BH06		U	2									x		30		
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al Instructio	ns:																			
	yandity and	euthention	y of this sample. La	m aware that tempering with	to intentionally mulabele	e the sa	muly locat	llen, di	ne or tin	ne of co	directio	n la clor	nstron	ed frau	d and r	mary be	ground	s for legal action		
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	Date Samouse 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025 5/1/2025	Daily Same all Matria 5/1/2025 S 5/1/2025 S 5/1/2025 S 5/1/2025 S 5/1/2025 S 5/1/2025 S 5/1/2025 S	Client Information Devon Energy Production Comp TOMCAT 21 FEDERAL #001 Manager: Anna Byers : 13000 W County Rd 100 te, Zip_Odessa,TX, 79765 332-305-6415 MTXGeoGroup@etechenv.con Daily Samciae Matrix \$/1/2025	Client Information Devon Energy Production Company, LP TOMCAT 21 FEDERAL #001 Manager: Anna Byers : 13000 W County Rd 100 te, Zip_Odessa,TX, 79765 1322-305-6415 MTXGeoGroup@etechenv.com Sample I Date Samcine Matrix \$/1/2025	Client Information Clevon Energy Production Company, LP TOMCAT 21 FEDERAL #001 Manager: Anna Byers : 13000 W County Rd 100 te, Zip_Odessa,TX, 79765 322-305-6415 MTXGeoGroup@etechenv.com Sample Information Date Same and Mutua Sample (D S/1/2025 S 1 BH06 S/1/2025 S 1 TOMOS BH06 S/1/202	Client Information Devon Energy Production Company, LP TOMCAT 21 FEDERAL #001 Manager: Anna Byers 13000 W County Rd 100 te. Zip_Odessa, TX, 79765 MTXGeoGroup@etechenv.com Sample Information Date Sample do Shi/2025 S S S SI SH06 SH06 S/1/2025 S S SI SH06 S/1/2025 S S SI SH06 S/1/2025 S SI SH06 SH06 S/1/2025 S SI SH06 SH06 S/1/2025 S SI SH06 SH06 SH06 SH06 S/1/2025 S SI SH06 S	Client Information Devon Energy Production Company, LP TOMCAT 21 FEDERAL #001 Wanager: Anna Byers 13000 W County Rd 100 te, Zip_Odessa,TX, 79765 132-305-6415 MTXGeoGroup@etechenv.com Sample Information Date Sameled Metric S/1/2025 S 1 BH06 US S/1/2025 S 1	Invoice Information Invoice Information Invoice Information Company, IP TOMCAT 21 FEDERAL #001 Address: \$315 Buena vista Dr. City, State, Zip: Carisbad, NM, 88220 Phone: \$75-885-7502 Email: jim.raley@dvn.com Miscellaneous: PN: 19304 Mistra Mistra	Client Information Client Information Devon Energy Production Company, LP TOMCAT 21 FEDERAL #001 Manager Anna Byers 13000 W County Rd 100 Ete, Zip, Odessa, TX, 79765 MTXGeoGroup@etechenv.com Sample Information Davis Samelad Matrix Sample Information Sample (D Sample (D	Client Information Devon Energy Production Company, LP TOMCAT 21 FEDERAL 8001 Address: 5315 Buena Vista Dr. City, State, Zip: Cartsbad, NM, 88220 Phone: 575-885-7502 Email: jim.naley@dvn.com Miscellaneous: PN: 19304 Sample Information Davie Sample Information Sample Information Sample ID Signature State Sample Information Sample ID Signature Signa	Company: Devon Energy Production Company, LP Company: Devon Energy Production Co. Lab WOlf Address: 5315 Buena Vista Dr. Lab Wolf Estate Vista Company: Devon Energy Production Co. Lab WOlf Estate Vista Company: Devon Energy Production Co. Lab WOlf Address: 5315 Buena Vista Dr. Estate Vista Company: Devon Energy Production Co. Lab WOlf Estate Vista Company: Devon Energy Production Co. Lab WOlf Estate Vista Company: Devon Energy Production Co. Lab WOlf Estate Vista Company: Devon Energy Production Co. Lab WOlf Estate Vista Company: Devon Energy Production Co. Lab WOlf Estate Vista Company: Devon Energy Production Co. Lab WOlf Estate Vista Company: Devon Energy Production Co. Lab WOlf Estate Vista Company: Devon Energy Production Co. Lab WOlf Estate Vista Vista Vista Company: Devon Energy Production Co. Lab WOlf Estate Vista Vi	Client Information Client Information Client Information Devon Energy Production Company, LP TOMCAT 21 FEDERAL I/OD1 Manager: Anna Byers 13000 W County Rd 100 Exp. Didesant, 7,9765 M32-305-6415 MTXGeoGroup@etechenv.com Sample Information Dave Sample Metric Sample Information Sample ID Sample	Company Devon Energy Production Company, LP TOMCAT 21 FEDERAL HOD1 Address: \$515 Buena Vista Dr. City, State, Zip: Carlsbad, NM, 88220 Phone: \$75-885-7502 Email: imm.aley@dvn.com Miscellaneous: Ph. 19304 Sample Information Sample ID S	Company: Devon Energy Production Company, LP TOMCAT 21 FEDERAL 8001 Gengany: Devon Energy Production Company, LP TOMCAT 21 FEDERAL 8001 Gengany: Devon Energy Production Co. Handger: Anna Byers 13000 W County Rd 100 Explicit City, State, Zip: Carlsbad, NM, 88220 Phone: 575-885-7502 Email: Immalaye@vn.com Miscellaneous: Ph: 19304 Sample Information Sample ID Samp	Client Information Company, LP Company: Devon Energy Production Co. Address: 5313 Beena Vista Dr. Address: 5313 Beena Vista Dr. City, State, Zip; Carlsbad, NM, 88220 Phone: 575-885-7502 Email: jim: Jaley@dvm.com Miscellaneous: PN: 13304 Sample Information Date Sample Method Sample Information Sample Information Date Sample Method Sample Information Date Sample Information Sample Information Date Sample Information Date Sample Information Date Sample Information Sample Information Date Sample Information Sample Information Date Sample Info	Client Information Company, LP Company: Devon Energy Production Co. Address: \$51315 Beena Vista Dr. Address: \$51315 Beena Vista Dr. City, State, Zip; Carlsbad, NM, 88220 Phone: \$75-885-7502 Email: jim:aley@dovn.com Miscellaneous: PN: 19304 Sample Information Date Sample Method Company: Devon Energy Production Co. Lab WO# Job Number 1D Lab W	Invoice Information Company, LP Company, LP Company, Devon Energy Production Company, LP Dob Number 10 20 Nanager Anna Byers City, State, Zip: Carlsbad, MM, 882.20 Phone: 575-885-57502 Email: jim.raley@dvn.com Miscellancous: Phys. 19304 Miscellancous: Phys. 1	Invoice Information Company, LP Company, LP Company, Devon Energy Production Company, LP Company, Devon Energy Production Company, LP Company, Devon Energy Production Co. Lab Wolf Job Number ID 201 301 51	Client Information Client Information Client Information Client Information Company, LP Company, Devon Energy Production Co. Address 5315 Beans Vista Dr. City, State, Cpr. Carlsbad, NM, 88220 Phone: 575-857-502 Email: pinraley@dvin.com Mixicellaneous: PN: 19304 Sample Information Inform	Involved Lub Involved Information Invol

Note: Samples are discarded 14 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 seport.

Sample Matrix: \$ -500, \$d - Solid, \$g - Shudge, A - Aqueous, O - Other,

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

envirotech Inc.

Printed: 5/5/2025 9:23:22AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/05/25 07:4	45		Work Order ID:	E505034
Phone:	(575) 748-0176	Date Logged In:	05/05/25 09:1	19		Logged In By:	Noe Soto
Email:	anna@etechenv.com	Due Date:	05/09/25 17:0	00 (4 day TAT)			
Cl : C	C (1 (COC)						
	Custody (COC)		••				
	he sample ID match the COC?	tab the COC	Yes				
	he number of samples per sampling site location ma amples dropped off by client or carrier?	ich the COC	Yes	~			
	e COC complete, i.e., signatures, dates/times, reque	atad analyzaar?	Yes Yes	Carrier: <u>C</u>	Courier		
	1 , , , , , , , , , , , , , , , , , , ,	sted allaryses:	Yes				
3. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•	ies			Comment	s/Resolution
Sample 7	<u> Turn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	, were custody/security seals intact?		NA				
	the sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples ar 15 minutes of sampling						
13. See C	OC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded in c	comments.			
	<u>Container</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lal							
	field sample labels filled out with the minimum info	ormation:	V				
	ample ID? eate/Time Collected?		Yes				
	follectors name?		Yes No				
	Preservation		110				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved m	etals?	No				
Multipha	ase Sample Matrix						
	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
		, 200.	11/1				
	act Laboratory		3.7				
	amples required to get sent to a subcontract laborato	•	No		37.		
29. was a	subcontract laboratory specified by the client and i	r so wno?	NA Su	ubcontract Lab	o: NA		
Client I	<u>nstruction</u>						
							1

Date

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

Chain	of Cu	stody
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	1	
Page	of	

Received by OCD: 8/20/2025 6:29:44 AM

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	TOMCAT 21 Manager: An		#001		Address: 5315 Bu	uena Vista Dr. Tarlsbad, NM, 88220		E	500	02	1	010	70:	-CD/	241				X X	
	13000 W Co		100		Phone: 575-885-		_			-	-	Anal	vsis	and I	Meti	hod	=	-		EPA
	te, Zip_Odes				Email: jim.raley@								75.0						SDWA	_
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9:00	5/1/2025	s	1		BH06	10	0.5	1					u		4		X		3.6	1
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Reanquish	ed by: (Signatur	e)		Date	lase (Received by: (Signatur	(e)			Date				Time				-		b Us
						Received by: (Signatur													Rec	SIVE!

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505025

Job Number: 01058-0007

Received: 5/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/8/25

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

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

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

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

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

Date Reported: 5/8/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505025

Date Received: 5/5/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

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mgonzales@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 08:47

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH07 0.5'	E505025-01A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH07 1'	E505025-02A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH07 2'	E505025-03A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH07 3'	E505025-04A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH07 4'	E505025-05A Soil	05/01/25	05/05/25	Glass Jar. 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:47:35AM

BH07 0.5' E505025-01

	E303023-01				
D14		Dilection	D 1	A a laa d	N-4
Result	Limit	Dilution	Prepared	Anaiyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2519012
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0500	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
	102 %	70-130	05/05/25	05/06/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2519012
ND	20.0	1	05/05/25	05/06/25	
	94.0 %	70-130	05/05/25	05/06/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2519004
ND	25.0	1	05/05/25	05/06/25	
ND	50.0	1	05/05/25	05/06/25	
	94.2 %	61-141	05/05/25	05/06/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2519016
ND	20.0	1	05/05/25	05/05/25	
	ND mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO2 % mg/kg mg/kg mg/kg ND 20.0 94.0 % mg/kg ND 25.0 ND 50.0 94.2 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 94.0 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 94.2 % 61-141 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0500 1 05/05/25 ND 0.0250 1 05/05/25 mg/kg 70-130 05/05/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 mg/kg mg/kg Analyst: NV ND 25.0 1 05/05/25 ND 50.0 1 05/05/25 ND 50.0 1 05/05/25 mg/kg 61-141 05/05/25 mg/kg mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 05/06/25 ND 0.0500 1 05/05/25 05/06/25 ND 0.0250 1 05/05/25 05/06/25 ND 0.0250 1 05/05/25 05/06/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 05/06/25 mg/kg mg/kg Analyst: NV ND 25.0 1 05/05/25 05/06/25 ND 25.0 1 05/05/25 05/06/25 ND 50.0 1 05/05/25 05/06/25 ND 50.0 1 05/05/25

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:47:35AM

BH07 1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2519004
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		92.3 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2519016
Chloride	ND	20.0	1	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:47:35AM

BH07 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2519004
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		94.6 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2519016
Chloride	ND	20.0	1	05/05/25	05/05/25	
Chloride	ND	20.0	1	03/03/23	03/03/23	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:47:35AM

BH07 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2519004
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		94.1 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2519016
Chloride	ND	20.0	1	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:47:35AM

BH07 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2519004
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		97.0 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2519016
· · · · · · · · · · · · · · · · · · ·	ND	20.0	1	05/05/25	05/05/25	•



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/8/2025 8:47:35AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2519012-BLK1) Prepared: 05/05/25 Analyzed: 05/06/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.21 8.00 103 70-130 LCS (2519012-BS1) Prepared: 05/05/25 Analyzed: 05/06/25 4.34 5.00 86.9 70-130 Benzene 0.0250 Ethylbenzene 4.26 0.0250 5.00 85.2 70-130 4.33 0.0250 5.00 86.6 70-130 Toluene o-Xylene 4.30 0.0250 5.00 86.0 70-130 8.52 10.0 85.2 70-130 0.0500 p.m-Xvlene 85.5 70-130 12.8 15.0 Total Xylenes 0.0250 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.14 Matrix Spike (2519012-MS1) Source: E505023-02 Prepared: 05/05/25 Analyzed: 05/06/25 3.84 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 3.83 0.0250 5.00 76.7 Toluene 3.87 0.0250 5.00 ND 77.3 70-130 3.88 ND 77.6 70-130 5.00 0.0250 o-Xylene p,m-Xylene 7.71 0.0500 10.0 ND 77.1 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.87 8.00 Matrix Spike Dup (2519012-MSD1) Source: E505023-02 Prepared: 05/05/25 Analyzed: 05/06/25 4.20 0.0250 5.00 ND 83.9 70-130 8.92 27 70-130 4.17 0.0250 5.00 ND 83.4 8.36 26 Ethylbenzene Toluene 4 21 0.0250 5.00 ND 84 1 70-130 8 45 20 4.19 5.00 ND 83.8 70-130 7.63 25 o-Xylene 0.0250 23 8.36 10.0 ND 83.6 70-130 8.14

0.0500

0.0250

15.0

8.00

ND

83.7

102

70-130

70-130

7.97

26

12.6

8.14



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:47:35AM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers				5/8	/2025 8:47:35AM	
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: SL		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2519012-BLK1)							Prepared: 05	5/05/25 Anal	yzed: 05/06/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130				
LCS (2519012-BS2)							Prepared: 05	5/05/25 Anal	yzed: 05/06/25	
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.5	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.8	70-130				
Matrix Spike (2519012-MS2)				Source:	E505023-	02	Prepared: 05	5/05/25 Anal	yzed: 05/06/25	
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.0	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.11		8.00		101	70-130				
Matrix Spike Dup (2519012-MSD2)				Source:	E505023-	02	Prepared: 05	5/05/25 Anal	yzed: 05/06/25	
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	98.9	70-130	0.891	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.94		8.00		99.3	70-130				



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:47:35AM

Artesia NM, 88210		Project Manage	r: Ar	nna Byers					5/8/2025 8:47:35AM
	Nonha	logenated Or		Analyst: NV					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519004-BLK1)							Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.1	61-141			
LCS (2519004-BS1)							Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	251	25.0	250		100	66-144			
Surrogate: n-Nonane	46.4		50.0		92.9	61-141			
Matrix Spike (2519004-MS1)				Source:	E505022-0	02	Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	48.0		50.0		95.9	61-141			
Matrix Spike Dup (2519004-MSD1)				Source:	E505022-0	02	Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156	0.409	20	
Surrogate: n-Nonane	48.6		50.0		97.1	61-141			



Matrix Spike Dup (2519016-MSD1)

Chloride

1120

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	: 0	OMCAT 21 F 1058-0007 Inna Byers	EDERAL	#001		<u>.</u>	Reported: 5/8/2025 8:47:35AM
		Anions	by EPA	300.0/9056 <i>£</i>	4				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2519016-BLK1)							Prepared: 0	5/05/25 An	alyzed: 05/05/25
Chloride	ND	20.0							-
LCS (2519016-BS1)							Prepared: 0	5/05/25 An	alyzed: 05/05/25
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2519016-MS1)				Source:	E505024-	25	Prepared: 0	5/05/25 An	alyzed: 05/05/25
Chloride	1190	200	250	986	81.8	80-120			

250

200

Source: E505024-25

53.5

80-120

6.10

986

QC Summary Report Comment:

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



Prepared: 05/05/25 Analyzed: 05/05/25

M2

20

Definitions and Notes

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 08:47

M2 Matrix spike recovery was outside quality control limits. 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.



Analytical Lab Client Information Client: Dryon Energy Production Company, LP			Invoice Information				Lab Use Only						34	TAT			State			
Project: 1	OMCAT 21	EDERAL	e001	erry, LP				E.	383	20	5	DLAS	A.C	DO T	7	D 2	D 20 30 5td		NM X	CO UT TX
	tarager And 13000 W Co		100		Phone: 575-885-	arisbad, NM, 8822 7502	9	-	-		-	Anal	lysis	and	Metho	od	_	-	EP	A Program
Phone: 4	e, Zip_Odess 32-305-6415				Email: jim raleyil Miscellaneous:	Pdvn.com		=	Г							T	T	T	50WA	CWA RC
Email: NA	MTXGenGro	ip@eter.	lvenv rom		PN: 19304			_	104	100			0	ů,		Ш	1		PWSID #	an T of
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Note: Samples are discarded 14 days after results are reported writes other unargenisms are reported union of the above

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

envirotech Inc.

Printed: 5/5/2025 9:25:39AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/05/25	07:45		Work Order ID:	E505025
Phone:	(575) 748-0176	Date Logged In:	05/02/25	16:00		Logged In By:	Noe Soto
Email:	anna@etechenv.com	Due Date:	05/09/25	17:00 (4 day	TAT)		
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Car	rrier: <u>Cour</u>	<u>rier</u>	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	Yes			<u>Commen</u>	nts/Resolution
Sample T	<u>urn Around Time (TAT)</u>						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
	sample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
12. Was the	e sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples at 15 minutes of sampling						
	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded i	ın commen	ıts.		
Sample C							
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum info	ormation:	V				
	ample ID? ate/Time Collected?		Yes				
	ollectors name?		Yes No				
Sample P	reservation		110				
21. Does t	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	ise?	No				
	, does the COC specify which phase(s) is to be anal		NA				
		,	11/1				
	act Laboratory	9	NT.				
	amples required to get sent to a subcontract laborate	-	No	G 1 .			
29. was a	subcontract laboratory specified by the client and i	I so wno?	NA	Subcontra	act Lab: N.	A	
Client In	<u>istruction</u>						
							Sec. 61

Date

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

(30	envirot Analytical La
	Client: Devon Energy F
	Project: TOMCAT 21 F
	Project Manager: Ann.

Chain of Custody

Received by OCD: 8/20/2025 6:29:44 AM

And	llytical L	nt Inform	nation		100	Inv	oice Information				-	La	b Us	e Or	lv				T	AT			Sta	in.	
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Project ?	Manager: Ani	na Byers				The second of the second of the second	Carlsbad, NM, 88220)	- 17	-	2	-	100	An	200	~~	7		-		V	1 1			
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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.

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505026

Job Number: 01058-0007

Received: 5/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/8/25

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

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

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

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

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

Date Reported: 5/8/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505026

Date Received: 5/5/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutode
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 15:22

Client Sample ID	Lab Sample ID Matrix	Sampled I	Received	Container
BH08 0.5'	E505026-01A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH08 1'	E505026-02A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH08 2'	E505026-03A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH08 3'	E505026-04A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH08 4'	E505026-05A Soil	05/01/25	05/05/25	Glass Jar. 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:22:19PM

BH08 0.5' E505026-01

		2000020 01				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/05/25	
Surrogate: n-Nonane		94.6 %	61-141	05/05/25	05/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2519016
Chloride	ND	20.0	1	05/05/25	05/05/25	

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:22:19PM

BH08 1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/05/25	
Surrogate: n-Nonane		95.0 %	61-141	05/05/25	05/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2519016
Chloride	63.6	20.0	1	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:22:19PM

BH08 2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.5 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/05/25	
Surrogate: n-Nonane		94.9 %	61-141	05/05/25	05/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2519016
Chloride	487	20.0	1	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:22:19PM

BH08 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/05/25	
Surrogate: n-Nonane		98.3 %	61-141	05/05/25	05/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2519016



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:22:19PM

BH08 4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.5 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		101 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2519016
		100	5		05/05/25	



		QC 50	umm	ary Dat	a					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	0	OMCAT 21 F 1058-0007	EDERAL	#001			Reported:	
Artesia NM, 88210		Project Manager:	A	nna Byers					5/8/2025 3:22:19PM	
		Volatile O	rganics	by EPA 802	21B				Analyst: SL	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2519012-BLK1)							Prepared: 0	5/05/25 A	Analyzed: 05/06/25	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	8.21		8.00		103	70-130				
LCS (2519012-BS1)							Prepared: 0	5/05/25 A	Analyzed: 05/06/25	
Benzene	4.34	0.0250	5.00		86.9	70-130				
Ethylbenzene	4.26	0.0250	5.00		85.2	70-130				
Toluene	4.33	0.0250	5.00		86.6	70-130				
-Xylene	4.30	0.0250	5.00		86.0	70-130				
o,m-Xylene	8.52	0.0500	10.0		85.2	70-130				
Total Xylenes	12.8	0.0250	15.0		85.5	70-130				
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130				
Matrix Spike (2519012-MS1)				Source:	E505023-	02	Prepared: 0	5/05/25 A	Analyzed: 05/06/25	
Benzene	3.84	0.0250	5.00	ND	76.8	70-130				
Ethylbenzene	3.83	0.0250	5.00	ND	76.7	70-130				
Toluene	3.87	0.0250	5.00	ND	77.3	70-130				
o-Xylene	3.88	0.0250	5.00	ND	77.6	70-130				
o,m-Xylene	7.71	0.0500	10.0	ND	77.1	70-130				
Total Xylenes Surrogate: 4-Bromochlorobenzene-PID	7.87	0.0250	8.00	ND	77.3 98.3	70-130 70-130				
surrogate. 4-promocniorovenzene-FID	/.0/		0.00		90.3	/0-130				
Matrix Spike Dup (2519012-MSD1)					E505023-				Analyzed: 05/06/25	
Benzene	4.20	0.0250	5.00	ND	83.9	70-130	8.92	27		
Ethylbenzene	4.17	0.0250	5.00	ND	83.4	70-130	8.36	26		
Toluene	4.21	0.0250	5.00	ND	84.1	70-130	8.45	20		
o-Xylene	4.19	0.0250	5.00	ND	83.8	70-130	7.63	25		
p,m-Xylene	8.36	0.0500	10.0	ND	83.6	70-130	8.14	23		
	12.6		150	NID	02.7	70 120				



12.6

8.14

0.0250

15.0

8.00

ND

83.7

70-130

70-130

7.97

26

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:22:19PM

Artesia NM, 88210		Project Manage		nna Byers					5/8/2025 3:22:19PM
	Non	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
					70		70	70	Notes
Blank (2519012-BLK1)							Prepared: 0	5/05/25 Aı	nalyzed: 05/06/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			
LCS (2519012-BS2)							Prepared: 0	5/05/25 Aı	nalyzed: 05/06/25
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.8	70-130			
Matrix Spike (2519012-MS2)				Source:	E505023-	02	Prepared: 0	5/05/25 Aı	nalyzed: 05/06/25
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.11		8.00		101	70-130			
Matrix Spike Dup (2519012-MSD2)				Source:	E505023-	02	Prepared: 0	5/05/25 Aı	nalyzed: 05/06/25
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	98.9	70-130	0.891	20	

8.00

7.94

99.3

70-130

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TOMCAT 21 FEDERAL #001 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:22:19PM

Artesia NM, 88210		Project Manager	r: Ar	ına Byers					5/8/2025 3:22:19PM
	Nonha	onhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519020-BLK1)							Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			
LCS (2519020-BS1)							Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	254	25.0	250		101	66-144			
Surrogate: n-Nonane	47.8		50.0		95.5	61-141			
Matrix Spike (2519020-MS1)				Source:	E505028-0	02	Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	47.7		50.0		95.5	61-141			
Matrix Spike Dup (2519020-MSD1)				Source:	E505028-0	02	Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156	0.609	20	
Surrogate: n-Nonane	48.3		50.0		96.5	61-141			



Chloride

Chloride

Matrix Spike Dup (2519016-MSD1)

QC Summary Data

Devon Energy - Carlsbad		Project Name:		OMCAT 21 F	EDERAL	#001			Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number Project Manager		1058-0007 Inna Byers				5	5/8/2025 3:22:19PM
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519016-BLK1)							Prepared: 0	5/05/25 Ana	alyzed: 05/05/25
Chloride	ND	20.0							
LCS (2519016-BS1)							Prepared: 0	5/05/25 Ana	alyzed: 05/05/25
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2519016-MS1)				Source:	E505024-	25	Prepared: 0	5/05/25 Ana	alyzed: 05/05/25

250

250

200

200

986

986

81.8

53.5

Source: E505024-25

80-120

80-120

6.10

Prepared: 05/05/25 Analyzed: 05/05/25

20

M2

1190

1120

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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 15:22

M2 Matrix spike recovery was outside quality control limits. 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.



Lab Use Only TAT Client Information Invoice Information State: Client: Devon Energy Production Company, LP Job Number 1D 2D 3D Std NM CO UT TX Company: Devon Energy Production Co. Lali WO# Project: TOMCAT 21 FEDERAL #001 E-5050210 101058-0057 Address: 5315 Bunna Vista Dr. Project Manager: Anna Byers City, State, Zip: Carishad, NM, 88220 Address: 13000 W County Rd 100 Phone: 575-885-7502 Analysis and Method **EPA Program** RCRA City, State, Zip Odessa, TX, 79765 SDWA CWA Email: jim.raley@dvn.com Phone: 432-305-6415 Miscellaneous Email: NMTXGeoGroup@etechenv.com Compliance V or M PN: 19304 PWSID # Sample Information 7 Sample **Burnspire** Lab 44.6 Date Lamping Status Sample ID -Number 5/1/2075 10:50 THO8 0.50 X 5/1/2025 10:55 BHDS 1" X 5. 1 SHAME 11:00 BHOB X 5. 571/2025 11:05 DHOS 31 5 X 5/1/2025 11:10 BHDS X 1 Additional Instructions: (find sensiti), prost or the subtry and protecting or this protection from the protection of the subtry and protection or the subtry and sub Samples requiring thermal preservation must be received on ire the day they are sampled or received packed on ice of a temp. allowe 0 but less than 6°C on ... Energuent days. inquished by (Signature) Lab Use Only Received on ice:

Pelinquistant (v. (Signature) Date Time Received by (Signature) Date Time

Limpu Marin: 1 - set Sq. Seed Sq. Date, N.-Assesse, D.-Strier (Continued Type: g.-glass, p.-poly/plastic, ag.-amilian glass), v. VOA

Note: Samples are discarded 34 days after results are reported unions of the analysis of the above amples and be returned to claim or disposed of at the client expense. The report for the analysis of the above amples is applicable only to those samples received by the laboratory with this COC. The limitary of this fallowatory is finited to the amount duel for an the report.

Printed: 5/5/2025 9:26:33AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/05/25	07:45	Work Order ID:	E505026
Phone:	(575) 748-0176	Date Logged In:	05/02/25	16:07	Logged In By:	Noe Soto
Email:	anna@etechenv.com	Due Date:	05/09/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location mat	ch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion		Yes		Comment	s/Resolution
	Furn Around Time (TAT) c COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	ne sample received on ice? Note: Thermal preservation is not required, if samples are 15 minutes of sampling		Yes			
	OC for individual sample temps. Samples outside of	t 0°C-6°C will be	recorded	in comments.		
	Container 1		3.7			
	queous VOC samples present?		No NA			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)? trip blank (TB) included for VOC analyses?		NA NA			
	on-VOC samples collected in the correct containers.)	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lal	· · · · · · · · · · · · · · · · · · ·	iers conceteu:	103			
20. Were	field sample labels filled out with the minimum info ample ID?	rmation:	Yes			
	Date/Time Collected?		Yes			
	collectors name?		No			
Sample I	Preservation_					
21. Does	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved me	etals?	No			
Multipha	ase Sample Matrix					
26. Does	the sample have more than one phase, i.e., multiphase	se?	No			
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA			
<u>Subcont</u> i	act Laboratory					
	amples required to get sent to a subcontract laborator	ry?	No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab: NA		
Client I	nstruction					
						
						1
Signat	cure of client authorizing changes to the COC or sample dis	position.		Da	ıte	. envirotech Inc.

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

(3)	envirot Analytical La
	Client: Devon Energy I
	Project: TOMCAT 21 F
	Project Manager: App

Chain of Custody

Page	of	

Received by OCD: 8/20/2025 6:29:44 AM

		nt Inform		-	In	voice Information		-			Lab U	se O	nly				T	AT	259		Stat	e
Client: D	Devon Energy	Producti	on Comp	any, LP		on Energy Production	Co.			b WO# Job Number 1				10	20	3D	Std	NN	CO UT	TX		
	TOMCAT 21		#001		Address: 5315				ES	220	عك	Ol	021	2.0	5				X	X		
	Manager: An		100			Carlsbad, NM, 8822	0		-													
	te, Zip Odes				Phone: 575-88					-	-	Ani	alysis	and	Met	hod		_			PA Progr	
	432-305-6415	THE RESERVE OF THE PARTY OF THE	/03		Email: jim.raley															SDWA	CWA	RCRA
The state of the s	MTXGeoGro		hanv con		Miscellaneous:	Incident II RM 2016141		0									М					
Linux. 19	MINGEOGIO	upe etec	HEITY (COS)		PN: 19304 A	KM 201614	64.	7	4	\$10	8									PWSID #	the same of the same of	or N
				Sample In	formation	23	2		1	0 644	8021	282	300.0	×	Antah		MA	2		IN PARSON SA		-
Time Sampled	Data Sampled	Matria	SHIRT CHARGES		Sample ID	No.	11	Lab Numb	ber or or or or	GROZDRO by 8015	BTEX 6y 8021	VOC 64 8250	Chloride 300.0	101031075	ICEA II Metals		HODOC V	stoc.1		Sample Temp	Ren	warks
10:50	5/1/2025	S	1		BH08		0.5	1									X			3.1	Field	
10:55	5/1/2025	5	1		BHOS		17.	7									X			310		red to
11:00	5/1/2025	5	1		BH08		-2'	3									X			30	Dept	
11:05	5/1/2025	S	1	1	BH08		3	4									x			31	Adde	d leal I
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(field same	pler), attest to the	valdity and	authenticity	of this sample. I am	aware that tampering with	or intentionally mislateling	the san	nole loca	nton, dat	e or tir	ne of co	Hestro	H is con	sidere	e fe bio	I and t	nay be	grow	nds for	legal action	-	
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Religion	ichelle (Gons	rtec	C 1.35	1745	Received by: (Signatu	rel	onz	ryce	Date	.2	20	_	Time	01	-	=		ice	the day t	must be re hey are sa	mpled or
	od by: (Signature	- 0		5.2.25	1345	Received by Ogenatu	(e) y	no		S DATE		25	-	Time	14	5			0.00	bave 0 bu	t less than	6°C on
Inquish	ed by: (Signature	e)		Date	Time	Received by: (Signatur	(0)			Dati	, 0.	W		Time		_				Lab	Use Only	
Relinquish	ed by: (Signature	e T		Date	Time	time Received by: (Signature)			Date Time					-	Received on ice:							
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Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505027

Job Number: 01058-0007

Received: 5/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/8/25

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

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

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

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

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

Date Reported: 5/8/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505027

Date Received: 5/5/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutode	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:	
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 09:01	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH09 0.5'	E505027-01A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH09 1'	E505027-02A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH09 2'	E505027-03A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH09 3'	E505027-04A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH09 4'	E505027-05A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:01:17AM

BH09 0.5' E505027-01

		2000027 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.7 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		98.0 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2519021
Chloride	ND	20.0	1	05/05/25	05/05/25	

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:01:17AM

BH09 1'

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	nalyst: SL		Batch: 2519012
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0500	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
	101 %	70-130	05/05/25	05/06/25	
mg/kg	mg/kg	An	nalyst: SL		Batch: 2519012
ND	20.0	1	05/05/25	05/06/25	
	101 %	70-130	05/05/25	05/06/25	
mg/kg	mg/kg	An	nalyst: KH		Batch: 2519020
ND	25.0	1	05/05/25	05/06/25	
ND	50.0	1	05/05/25	05/06/25	
	94.8 %	61-141	05/05/25	05/06/25	
mg/kg	mg/kg	An	nalyst: DT		Batch: 2519021
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO1 % mg/kg MD 20.0 IO1 % mg/kg MD 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 In 101 % 70-130 1 mg/kg mg/kg Ar ND 20.0 1 mg/kg mg/kg Ar ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0500 1 05/05/25 ND 0.0250 1 05/05/25 MD 70-130 05/05/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 mg/kg mg/kg Analyst: KH ND 25.0 1 05/05/25 ND 50.0 1 05/05/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 05/06/25 ND 0.0500 1 05/05/25 05/06/25 ND 0.0250 1 05/05/25 05/06/25 ND 0.0250 1 05/05/25 05/06/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 05/06/25 mg/kg mg/kg Analyst: KH ND 25.0 1 05/05/25 05/06/25 ND 25.0 1 05/05/25 05/06/25 ND 50.0 1 05/05/25 05/06/25



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:01:17AM

BH09 2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		96.5 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2519021
Chloride	ND	20.0	1	05/05/25	05/05/25	· · · · · · · · · · · · · · · · · · ·



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:01:17AM

BH09 3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2519012
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2519012
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		98.0 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2519021
Chloride	209	20.0	1	05/05/25	05/05/25	•



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:01:17AM

BH09 4'

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519012
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
ND	0.0500	1	05/05/25	05/06/25	
ND	0.0250	1	05/05/25	05/06/25	
	98.7 %	70-130	05/05/25	05/06/25	
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519012
ND	20.0	1	05/05/25	05/06/25	
	101 %	70-130	05/05/25	05/06/25	
mg/kg	mg/kg	Ana	alyst: KH		Batch: 2519020
ND	25.0	1	05/05/25	05/06/25	
ND	50.0	1	05/05/25	05/06/25	
	99.2 %	61-141	05/05/25	05/06/25	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2519021
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 101 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 Interval Interval Interval Mg/kg mg/kg And Mg/kg mg/kg And ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0500 1 05/05/25 ND 0.0250 1 05/05/25 MD 0.0250 1 05/05/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 mg/kg mg/kg Analyst: KH ND 25.0 1 05/05/25 ND 50.0 1 05/05/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 05/06/25 ND 0.0500 1 05/05/25 05/06/25 ND 0.0250 1 05/05/25 05/06/25 MD 0.0250 1 05/05/25 05/06/25 MD 0.0250 1 05/05/25 05/06/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 05/06/25 mg/kg mg/kg Analyst: KH ND 25.0 1 05/05/25 05/06/25 ND 25.0 1 05/05/25 05/06/25 ND 50.0 1 05/05/25 05/06/25



QC Summary Data

Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/8/2025 9:01:17AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2519012-BLK1) Prepared: 05/05/25 Analyzed: 05/06/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.21 8.00 103 70-130 LCS (2519012-BS1) Prepared: 05/05/25 Analyzed: 05/06/25 4.34 5.00 86.9 70-130 Benzene 0.0250 Ethylbenzene 4.26 0.0250 5.00 85.2 70-130 4.33 0.0250 5.00 86.6 70-130 Toluene o-Xylene 4.30 0.0250 5.00 86.0 70-130 8.52 10.0 85.2 70-130 0.0500 p.m-Xvlene 85.5 70-130 12.8 15.0 Total Xylenes 0.0250 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.14 Matrix Spike (2519012-MS1) Source: E505023-02 Prepared: 05/05/25 Analyzed: 05/06/25 3.84 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 3.83 0.0250 5.00 76.7 Toluene 3.87 0.0250 5.00 ND 77.3 70-130 3.88 ND 77.6 70-130 5.00 0.0250 o-Xylene p,m-Xylene 7.71 0.0500 10.0 ND 77.1 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.87 8.00 Matrix Spike Dup (2519012-MSD1) Source: E505023-02 Prepared: 05/05/25 Analyzed: 05/06/25 4.20 0.0250 5.00 ND 83.9 70-130 8.92 27 70-130 4.17 0.0250 5.00 ND 83.4 8.36 26 Ethylbenzene Toluene 4 21 0.0250 5.00 ND 84 1 70-130 8 45 20 4.19 5.00 ND 83.8 70-130 7.63 25 o-Xylene 0.0250 23 8.36 10.0 ND 83.6 70-130 8.14 p,m-Xylene 0.0500



12.6

8.14

0.0250

15.0

8.00

ND

83.7

102

70-130

70-130

7.97

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:01:17AM

Artesia NM, 88210		Project Manage	r: Ar	nna Byers				:	5/8/2025 9:01:17AM
	Non	halogenated	Organics	by EPA 80	15D - Gl	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2519012-BLK1)							Prepared: 0:	5/05/25 An	alyzed: 05/06/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			
LCS (2519012-BS2)							Prepared: 0:	5/05/25 An	alyzed: 05/06/25
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.8	70-130			
Matrix Spike (2519012-MS2)				Source:	E505023-	02	Prepared: 0:	5/05/25 An	alyzed: 05/06/25
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.11		8.00		101	70-130			
Matrix Spike Dup (2519012-MSD2)				Source:	E505023-	02	Prepared: 0	5/05/25 An	alyzed: 05/06/25
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	98.9	70-130	0.891	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.94		8.00		99.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:01:17AM

Artesia NM, 88210		Project Manage	r: Ar	nna Byers					5/8/2025 9:01:17AM
	Nonhal	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519020-BLK1)							Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			
LCS (2519020-BS1)							Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	254	25.0	250		101	66-144			
Surrogate: n-Nonane	47.8		50.0		95.5	61-141			
Matrix Spike (2519020-MS1)				Source:	E505028-0	02	Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	47.7		50.0		95.5	61-141			
Matrix Spike Dup (2519020-MSD1)				Source:	E505028-0	02	Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156	0.609	20	
Surrogate: n-Nonane	48.3		50.0		96.5	61-141			



Chloride

QC Summary Data

Devon Energy - Carlsbad		Project Name:		OMCAT 21 F	EDERAL#		Reported:				
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		1058-0007 Anna Byers				5/8/2025 9:01:17AM			
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: DT		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2519021-BLK1)							Prepared: 0	5/05/25 A	Analyzed: 05/05/25		
Chloride	ND	20.0									
LCS (2519021-BS1)							Prepared: 0	5/05/25	Analyzed: 05/05/25		
Chloride	258	20.0	250		103	90-110					
Matrix Spike (2519021-MS1)				Source:	E505027-0	03	Prepared: 0	5/05/25 A	Analyzed: 05/05/25		
Chloride	265	20.0	250	ND	106	80-120					
Matrix Spike Dup (2519021-MSD1)				Source:	E505027-0	03	Prepared: 0	5/05/25 A	Analyzed: 05/05/25		

250

20.0

ND

106

80-120

0.308

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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 09:01

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.



o Imaging: 9/5/2025 2:58:07 PM

Chain of Custody

.,	lytical L	nt Inform	nation	100	Invol	ce Information				L	b Us	e Or	dy		= 1		T	AT		Stati	0
	TOMEAT 21			iny. LP	Company: Devon Address: 5315 Bu	Energy Production (ena Vista Dr.	di.	Li B	300	07	7	Old	STO S	ber	07	10	20	30 5td	NM X	CO LIT	TX
Project N	Manager: And	na Byers			City, State, Zip: Ci	arlsbad, NM, 88220							5.0	2177							
Address:	13000 W Co	sunty Rd	100		Phone: 575-885-7	502						Anı	lysia	and	Met	hod				A Progra	
	le, Zip_Odes		765		Email: jim.raley@	dvn.som		-1											SDWA	CWA	RERA
	32-305-6415				Miscellangurus:			- 1							1.1					-	1
Email: N	MTXGeoGra	up@etec	heny.com		PN: 19304		_	-	3	ã			U		0				PWSID #	T. S	or H
	_		_	Sample Infor	mation				1	*	둱	557.5	-18	1	at a		ž				
Titre Semples	Dyte Samuel	Stem	76) ff (200471		Sample ID		1	Lie	10	80	19.60	SE PO	1	8	96696		÷	4	Sample Temp	Aur	marka.
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Printed: 5/5/2025 9:27:27AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/05/25	07:45			Work Order ID:	E505027
Phone:	(575) 748-0176	Date Logged In:	05/02/25	16:11			Logged In By:	Noe Soto
Email:	anna@etechenv.com	Due Date:	05/09/25	17:00 (4 da	ay TAT)			
Chain of	Custody (COC)							
	ne sample ID match the COC?		Yes					
	ne number of samples per sampling site location ma	tch the COC	Yes					
3. Were s	amples dropped off by client or carrier?		Yes	C	arrier: <u>Co</u>	<u>ourier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes					
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	Yes		_		<u>Comment</u>	s/Resolution
Sample T	<u> Urn Around Time (TAT)</u>							
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes					
Sample C								
	sample cooler received?		Yes					
8. If yes,	was cooler received in good condition?		Yes					
9. Was the	e sample(s) received intact, i.e., not broken?		Yes					
10. Were	custody/security seals present?		No					
11. If yes,	, were custody/security seals intact?		NA					
12. Was th	e sample received on ice? Note: Thermal preservation is not required, if samples at 15 minutes of sampling	e received within	Yes					
13. See C	OC for individual sample temps. Samples outside of	f 0°C-6°C will be	recorded	in comme	ents.			
Sample C	Container_							
	queous VOC samples present?		No					
15. Are V	OC samples collected in VOA Vials?		NA					
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA					
	trip blank (TB) included for VOC analyses?		NA					
	on-VOC samples collected in the correct containers	?	Yes					
	appropriate volume/weight or number of sample contai		Yes					
Field Lal	•							
	— field sample labels filled out with the minimum inf	ormation:						
S	ample ID?		Yes					
	ate/Time Collected?		Yes		L			
	ollectors name?		No					
	<u>Preservation</u>	10						
	the COC or field labels indicate the samples were p	reserved?	No					
	ample(s) correctly preserved?	. 1.0	NA					
24. Is lab	filtration required and/or requested for dissolved m	etals?	No					
	se Sample Matrix							
	the sample have more than one phase, i.e., multipha		No					
27. If yes	, does the COC specify which phase(s) is to be anal	yzed?	NA					
Subcontr	act Laboratory							
28. Are sa	amples required to get sent to a subcontract laborate	ory?	No					
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcont	ract Lab:	NA		
Client Ir	nstruction_							

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

Date

envirotech Inc.

Received by OCD: 8/20/2025 6:29:44 AM

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	e, Zip Odess				Phone: 575-885	~~~	-		-			Analy	sis a	nd M	thoo	1				PA Program
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11:15	5/1/2015	5	E		8409		0.5	1								X			3.4	Changed
11:20	5/1/2025	5	1		BH09		1	2								X			3.8	Changed Field Filte to Sample
11:25	5/1/2025	5.	1		BH09		3.	3								X			3.0	Depth.
11:30	5/1/2025	5	1		BH09		3"	4								X			2.8	903 Incides
11:35	5/1/2025	5	1		ВН09		4	5								X			2.5	ID. Per client
																				NS 5.5.25
Addition	al Instructio	ns: po	: 1061	476201			*													
	Haleigh Blums	wand my app	E authenticity	of this sample 14	im aware that tampening with	or intentionally mislabeling	the se	mple Incatio	n, date	or tim	e of colle	etion i	consi	lened.fr	od ind	I may b	e groue	eds for h	gal action	
門門	CITY TOTAL	ZIN	20	10 - N 11	Time	Michelle	"G	onenl		Date	2-3	5	Ti-	To.	30					requiring thermal must be received on
Reinguit	ichelle	Gon	erles	3-2-2	5 1745	Recorded by ISignatu		3.1	-	Date	.7.	70	Tet	1-	711	-		ice t	he day t	they are sampled or ked on ice at a temp
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Bullion or to	ed by Cognatur	et.		Date	Time	Received by (Signatu				Date			Te					P	Rece	ived on ice:

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Note: Samples are discarded 14 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.

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505028

Job Number: 01058-0007

Received: 5/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/8/25

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

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

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

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

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

Date Reported: 5/8/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505028

Date Received: 5/5/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donautada
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 08:56

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH10 0.5'	E505028-01A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH10 1'	E505028-02A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH10 2'	E505028-03A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH10 3'	E505028-04A Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH10 4'	F505028-05A Soil	05/01/25	05/05/25	Glass Jar. 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:56:22AM

BH10 0.5' E505028-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2519013
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: SL		Batch: 2519013
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		98.1 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2519021
Chloride	ND	20.0	1	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:56:22AM

BH10 1'

E505028-02

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2519013
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2519013
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.7 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		95.7 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2519021
Chloride	123	20.0	1	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:56:22AM

BH10 2'

E505028-03

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519013
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519013
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		98.9 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2519021
Chloride	408	20.0	1	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:56:22AM

BH10 3'

E505028-04

·	Reporting	·			
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2519013
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0500	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
	99.5 %	70-130	05/05/25	05/05/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2519013
ND	20.0	1	05/05/25	05/05/25	
	98.1 %	70-130	05/05/25	05/05/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2519020
ND	25.0	1	05/05/25	05/06/25	
ND	50.0	1	05/05/25	05/06/25	
	100 %	61-141	05/05/25	05/06/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2519021
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 98.1 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 99.5 % 70-130 mg/kg mg/kg Anal ND 20.0 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0500 1 05/05/25 ND 0.0250 1 05/05/25 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 mg/kg mg/kg Analyst: KH ND 25.0 1 05/05/25 ND 50.0 1 05/05/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 05/05/25 ND 0.0500 1 05/05/25 05/05/25 ND 0.0250 1 05/05/25 05/05/25 MD 0.0250 1 05/05/25 05/05/25 MD 0.0250 1 05/05/25 05/05/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 05/05/25 mg/kg mg/kg Analyst: KH ND 25.0 1 05/05/25 05/06/25 ND 25.0 1 05/05/25 05/06/25 ND 50.0 1 05/05/25 05/06/25



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:56:22AM

BH10 4'

E505028-05										
		Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2519013				
Benzene	ND	0.0250	1	05/05/25	05/05/25					
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25					
Гoluene	ND	0.0250	1	05/05/25	05/05/25					
o-Xylene	ND	0.0250	1	05/05/25	05/05/25					
o,m-Xylene	ND	0.0500	1	05/05/25	05/05/25					
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25					
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	05/05/25	05/05/25					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2519013				
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25					
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/05/25	05/05/25					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2519020				
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25					
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25					
Surrogate: n-Nonane		100 %	61-141	05/05/25	05/06/25					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2519021				
Chloride	1060	20.0	1	05/05/25	05/05/25					



QC Summary Data

Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/8/2025 8:56:22AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2519013-BLK1) Prepared: 05/05/25 Analyzed: 05/05/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.63 8.00 95.4 70-130 LCS (2519013-BS1) Prepared: 05/05/25 Analyzed: 05/05/25 4.10 5.00 82.0 70-130 Benzene 0.0250 Ethylbenzene 4.04 0.0250 5.00 80.8 70-130 4.10 0.0250 5.00 81.9 70-130 Toluene o-Xylene 4.06 0.0250 5.00 81.1 70-130 8.10 10.0 70-130 0.0500 p.m-Xvlene 70-130 12.2 15.0 81.0 Total Xylenes 0.0250 8.00 94.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.58 Matrix Spike (2519013-MS1) Source: E505028-05 Prepared: 05/05/25 Analyzed: 05/05/25 4.69 0.0250 5.00 ND 70-130 Benzene ND 92.9 70-130 Ethylbenzene 4.64 0.0250 5.00 Toluene 4.70 0.0250 5.00 ND 93.9 70-130 4.67 ND 93.4 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.30 0.0500 10.0 ND 93.0 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.21 8.00 Matrix Spike Dup (2519013-MSD1) Source: E505028-05 Prepared: 05/05/25 Analyzed: 05/05/25 4.28 0.0250 5.00 ND 85.6 70-130 9.15 27 ND 70-130 4.24 0.0250 5.00 84.9 8.98 26 Ethylbenzene Toluene 4 29 0.0250 5.00 ND 85.8 70-130 9.10 20 4.25 5.00 ND 85.1 70-130 9.25 25 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

85.0

85.0

97.4

70-130

70-130

70-130

8.99

9.08



23

26

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

8.50

12.8

7.79

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - CarlsbadProject Name:TOMCAT 21 FEDERAL #001Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Anna Byers5/8/20258:56:22AM

Nonhalogenated	Organice	hv	FDA QO15D	CPO
Monnaiogenateu	Organics	IJУ	ETA OUTSD	- GKO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2519013-BLK1) Gasoline Range Organics (C6-C10)	ND	20.0				P	repared: 0:	5/05/25 Anal	yzed: 05/05/25	_

105

70-130

LCS (2519013-BS2)					Prepared: 05/05/25 Analyzed: 05/05/25
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	99.9	70-130

8.00

Surrogate: 1-Chloro-4-fluorobenzene-FID	8.09	8.00	101	70-130	

8.40

Matrix Spike (2519013-MS2)	50.6 20.0			Source: E505028-05			Prepared: 05/05/25 Analyzed: 05/05/25
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		8.00		99.9	70-130	

Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		8.00		99.9	70-130			
Matrix Spike Dup (2519013-MSD2)				Source:	E505028-0	05	Prepared: 0	5/05/25 Analyzed: 05/05/2	.5
Gasoline Range Organics (C6-C10)	43.5	20.0	50.0	ND	86.9	70-130	15.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.07		8.00		101	70-130			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 8:56:22AM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers					5/8/2025 8:56:22AN				
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KH													
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2519020-BLK1)							Prepared: 0:	5/05/25 A	nalyzed: 05/05/25				
biesel Range Organics (C10-C28)	ND	25.0											
vil Range Organics (C28-C36)	ND	50.0											
urrogate: n-Nonane	47.5		50.0		95.0	61-141							
CS (2519020-BS1)							Prepared: 0:	5/05/25 A	nalyzed: 05/05/25				
viesel Range Organics (C10-C28)	254	25.0	250		101	66-144							
urrogate: n-Nonane	47.8		50.0		95.5	61-141							
Aatrix Spike (2519020-MS1)				Source:	E505028-0	02	Prepared: 0	5/05/25 A	nalyzed: 05/05/25				
viesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156							
urrogate: n-Nonane	47.7		50.0		95.5	61-141							
Matrix Spike Dup (2519020-MSD1)				Source:	E505028-0	02	Prepared: 0	5/05/25 A	nalyzed: 05/05/25				
tiesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156	0.609	20					
urrogate: n-Nonane	48.3		50.0		96.5	61-141							



Chloride

Chloride

Matrix Spike Dup (2519021-MSD1)

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	0	OMCAT 21 Fl 1058-0007 nna Byers	EDERAL	#001		5	Reported: 5/8/2025 8:56:22AM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2519021-BLK1)							Prepared: 0	5/05/25 Ana	alyzed: 05/05/25
Chloride	ND	20.0							
LCS (2519021-BS1)							Prepared: 0	5/05/25 Ana	alyzed: 05/05/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2519021-MS1)				Source:	E505027-	03	Prepared: 0	5/05/25 Ana	alyzed: 05/05/25

250

250

20.0

20.0

ND

ND

106

106

Source: E505027-03

80-120

80-120

0.308

Prepared: 05/05/25 Analyzed: 05/05/25

20

265

266

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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 08:56

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.



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25
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Analytical Lab Client Information Client: Devan Energy Production Company, LP Project: TOMCAT 21 FEDERAL #001									Lab Use Only								T	AT		State
									Wo	ZZ.	8 Dist 0007				10 20 30 5td		3D 5	Std NM CO LIT TX		
Project Manager: Anna Byers Address: 13000 W County Rd 100					City, State, Zip: Carlsbad, NM, 88220 Phone: 575-885-7502				T Analysis					s and Meth			E	EPA Program		
City, State, Zip_Odessa,TX, 79765					Email, jim.raley@dvn.com						1	T			T				SDWA	CWA RERA
Phone: 432-305-6415 Enrall: NMTXGeoGroup@letechenv.com					Miscellaneous PN: 19304				NI ST	110			1					Ш	Complian PWSID W	e Y or fa
-				Sample Infor	mation				(tag)	180	2	Pariety and	8	E	2	M	OW	= 1	-	
Street, Section	hay kenyani	Malor	50		Sample (C)	185	Filler	Lab Number	lotted d	division	SERVICE SEEDS	4930/	000	91,000	(C64) Mesa		1	1/00	Sample Temp	femarks.
11/45	5/1/2015	5	1		BH10	0	5	1					1				x		4.2	
11/50	1/1/2015	Ġ	ì		8H10		ľ	2									X		3.8	
11:55	5/1/2025	-9	1		8H10		r	3									x	П	35	
12.00	5/3/2025	. 10	1		8H10			4		Г							X		32	-
12.05	5/3/2035	5.	1		8H10		E.	5									x		2.8	
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Addition	sal Instructio	052																		
	with amoral to read they	Antigate has	systematics systematics	y inf this canonie. I am iyo	ere trust to examing with 'u	recommenty recovering the	-	mole location	rc cikly	er lim	well or	Siechio	9.50	resident	nd free	e end	100) 2	H ETHIC	tir ngji 425au	
RI	Divin	PXVV	re	TSTO LLEST	Michelle Gong		ongal	uş	32-25		1030			Samples requiring thermal preservation must be received a						
VVII	Tichelle Gongales 5-2		5-2-25	1745	D. M.			5.2.25			Time		1		ith the day they are sampled a received packed on ice at a fer					
being the the Countries		5.2.25	2345	Buth	na	5.5.25		-	745			above 0 but less than 6°C on subsequent days.								
Minget	ed by (fourth-	w)		Date.	Tomas	Auceived by (Septime)				Diele				-						Use Only
Pelinoushed by (Synature) Con		Care	Termo	Personal by (Leasure)				Dame.			Toro			Received on ice:						
Demois Matrix S - Soil, Set - Soile, Sg - Disalge, A - Aqui				Tomo	1	tainer Typ	m: w	- glass, p - poly/plastic, ag - am			01									

Printed: 5/5/2025 9:28:20AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/05/25	07:45		Work Order ID:	E505028
Phone:	(575) 748-0176	Date Logged In:	05/02/25	16:14		Logged In By:	Noe Soto
Email:	anna@etechenv.com	Due Date:	05/09/25	17:00 (4 d	ay TAT)	<i>.</i>	
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
2. Does t	he number of samples per sampling site location ma	atch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	C	Carrier: Courie	<u>er</u>	
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes				
5. Were a	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss					Comme	nts/Resolution
Sample T	<u>Furn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
12. Was th	ne sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples a	re received within	140				
	15 minutes of sampling						
13. See C	COC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comm	ents.		
	Container_						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containers	s?	Yes				
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes				
Field La							
	field sample labels filled out with the minimum inf	formation:	**				
	ample ID? Date/Time Collected?		Yes				
	Collectors name?		Yes No				
	Preservation		NO				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved m	netals?	No				
Multinhs	ase Sample Matrix						
	the sample have more than one phase, i.e., multiple	ase?	No				
	, does the COC specify which phase(s) is to be anal		NA				
•		., 200.	1121				
	ract Laboratory	9	NI.				
	amples required to get sent to a subcontract laborate	-	No	0.1	1 374		
	a subcontract laboratory specified by the client and	ii so wiio?	NA	Subcon	tract Lab: NA	1	
Client I	<u>nstruction</u>						
1							
1							
Ц							
							12-03

Date

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

Received by OCD: 8/20/2025 6:29:44 AM

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	TOMCAT 21		#001		Address: 5315 8	Juena Vista Dr.	-		1	07	8	NO	8 C	w	7	-	X	X		300
	Manager; Ann				The second secon	Carlsbad, NM, 882	20								100			1	1000	100
	13000 W Co				Phone: 575-885	-7502						Anal	ysis a	nd M	ethod			E	PA Progra	m
	e, Zip_Odess		765		Email: jim.raley													SDWA	CWA	R
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Time Sampled	Date Sampled	Matro	ope of contracts		Sample ID	4	21	Lab	C2	эка/рна ву	HEX by SI	20,430	Minds 3	ICEA & Metal		WW - Stood	COOK TO	Sample	Ren	ark
11:45	5/1/2025	5	1		BH10	VI.	0,5"	1		0	in :	>	0 3	- 4		X	- 4	47	Chang	ec
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12:00	5/1/2025	S	1		BH10		3	4								х		32	103	4
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Page 253 of 543

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505029

Job Number: 01058-0007

Received: 5/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/8/25

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

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

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

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

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

Date Reported: 5/8/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505029

Date Received: 5/5/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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whinchman@envirotech-inc.com

Raina Schwanz

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 09:03

Client Sample ID	Lab Sample ID Matrix	Sampled R	eceived	Container
BH11 0.5'	E505029-01A Soil	05/01/25 05	5/05/25	Glass Jar, 2 oz.
BH11 1'	E505029-02A Soil	05/01/25 05	5/05/25	Glass Jar, 2 oz.
BH11 2'	E505029-03A Soil	05/01/25 05	5/05/25	Glass Jar, 2 oz.
BH11 3'	E505029-04A Soil	05/01/25 05	5/05/25	Glass Jar, 2 oz.
BH11 4'	E505029-05A Soil	05/01/25 05	5/05/25	Glass Jar. 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:03:35AM

BH11 0.5' E505029-01

	E303029-01				
D 1			D 1		N .
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2519013
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0500	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
	100 %	70-130	05/05/25	05/05/25	
mg/kg	mg/kg	Ana	llyst: SL		Batch: 2519013
ND	20.0	1	05/05/25	05/05/25	
	94.1 %	70-130	05/05/25	05/05/25	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2519020
ND	25.0	1	05/05/25	05/06/25	
ND	50.0	1	05/05/25	05/06/25	
	94.4 %	61-141	05/05/25	05/06/25	
mg/kg	mg/kg	Ana	llyst: DT		Batch: 2519021
30.9	20.0	1	05/05/25	05/05/25	
	ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 IOO % mg/kg mg/kg mg/kg ND 20.0 94.1 % mg/kg ND 25.0 ND 50.0 94.4 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 70-130 1 mg/kg mg/kg Ana ND 20.0 1 94.1 % 70-130 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 94.4 % 61-141 1 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0500 1 05/05/25 ND 0.0250 1 05/05/25 mg/kg Analyst: SL ND 05/05/25 mg/kg Mg/kg Analyst: SL ND ND 20.0 1 05/05/25 mg/kg Mg/kg Analyst: KH ND 25.0 1 05/05/25 ND 50.0 1 05/05/25 ND 50.0 1 05/05/25 mg/kg Mg/kg Analyst: KH	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 05/05/25 05/05/25 ND 0.0500 1 05/05/25 05/05/25 ND 0.0250 1 05/05/25 05/05/25 ND 0.0250 1 05/05/25 05/05/25 mg/kg mg/kg Analyst: SL ND 20.0 1 05/05/25 05/05/25 mg/kg mg/kg Analyst: KH ND 25.0 1 05/05/25 05/06/25 ND 25.0 1 05/05/25 05/06/25 ND 50.0 1 05/05/25 05/06/25 ND 50.0 1 05/05/25

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:03:35AM

BH11 1'

E505029-02

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2519013
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2519013
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		96.3 %	61-141	05/05/25	05/06/25	
	mg/kg	mg/kg	An	alyst: DT		Batch: 2519021
Anions by EPA 300.0/9056A	**********	8 8		•		



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:03:35AM

BH11 2'

E505029-03

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519013
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2519013
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		97.4 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2519021
Chloride	84.0	20.0	1	05/05/25	05/05/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:03:35AM

BH11 3'

		E505029-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2519013
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
p-Xylene	ND	0.0250	1	05/05/25	05/05/25	
o,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2519013
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2519020
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		97.3 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2519021
Chloride	159	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:03:35AM

BH11 4'

E505029-05												
		Reporting										
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes						
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519013						
Benzene	ND	0.0250	1	05/05/25	05/05/25							
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25							
Toluene	ND	0.0250	1	05/05/25	05/05/25							
o-Xylene	ND	0.0250	1	05/05/25	05/05/25							
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25							
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25							
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/05/25	05/05/25							
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2519013						
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25							
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.1 %	70-130	05/05/25	05/05/25							
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2519020						
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25							
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25							
Surrogate: n-Nonane		98.4 %	61-141	05/05/25	05/06/25							
Anions by EPA 300.0/9056A		mg/kg	Ana	alyst: DT		Batch: 2519021						
Chloride	687	20.0	1	05/05/25	05/06/25							



QC Summary Data

Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/8/2025 9:03:35AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2519013-BLK1) Prepared: 05/05/25 Analyzed: 05/05/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.63 8.00 95.4 70-130 LCS (2519013-BS1) Prepared: 05/05/25 Analyzed: 05/05/25 4.10 5.00 82.0 70-130 Benzene 0.0250 Ethylbenzene 4.04 0.0250 5.00 80.8 70-130 4.10 0.0250 5.00 81.9 70-130 Toluene o-Xylene 4.06 0.0250 5.00 81.1 70-130 8.10 10.0 70-130 0.0500 p.m-Xvlene 70-130 12.2 15.0 81.0 Total Xylenes 0.0250 8.00 94.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.58 Matrix Spike (2519013-MS1) Source: E505028-05 Prepared: 05/05/25 Analyzed: 05/05/25 4.69 0.0250 5.00 ND 70-130 Benzene ND 92.9 70-130 Ethylbenzene 4.64 0.0250 5.00 Toluene 4.70 0.0250 5.00 ND 93.9 70-130 4.67 ND 93.4 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.30 0.0500 10.0 ND 93.0 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.21 8.00 Matrix Spike Dup (2519013-MSD1) Source: E505028-05 Prepared: 05/05/25 Analyzed: 05/05/25 4.28 0.0250 5.00 ND 85.6 70-130 9.15 27 70-130 4.24 0.0250 5.00 ND 84.9 8.98 26 Ethylbenzene Toluene 4 29 0.0250 5.00 ND 85.8 70-130 9.10 20

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

85.1

85.0

85.0

97.4

70-130

70-130

70-130

70-130

9.25

8.99

9.08

25

23

26

4.25

8.50

12.8

7.79



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:03:35AM

Artesia NM, 88210		Project Manage	r: Ar	na Byers				5/8	/2025 9:03:35AM
	Non	halogenated		Analyst: SL					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2519013-BLK1)							Prepared: 0:	5/05/25 Analy	/zed: 05/05/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.40		8.00		105	70-130			
LCS (2519013-BS2)							Prepared: 0:	5/05/25 Analy	zed: 05/05/25
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0		99.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.09		8.00		101	70-130			
Matrix Spike (2519013-MS2)				Source:	E505028-	05	Prepared: 0:	5/05/25 Analy	zed: 05/05/25
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		8.00		99.9	70-130			
Matrix Spike Dup (2519013-MSD2)				Source:	E505028-	05	Prepared: 0	5/05/25 Analy	zed: 05/05/25
Gasoline Range Organics (C6-C10)	43.5	20.0	50.0	ND	86.9	70-130	15.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.07		8.00		101	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 9:03:35AM

Artesia NM, 88210		Project Manage	r: Ar	nna Byers					5/8/2025 9:03:35AM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519020-BLK1)							Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			
LCS (2519020-BS1)							Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	254	25.0	250		101	66-144			
Surrogate: n-Nonane	47.8		50.0		95.5	61-141			
Matrix Spike (2519020-MS1)				Source:	E505028-0	02	Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	47.7		50.0		95.5	61-141			
Matrix Spike Dup (2519020-MSD1)				Source:	E505028-0	02	Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156	0.609	20	
Surrogate: n-Nonane	48.3		50.0		96.5	61-141			



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	J								Reported:
Artesia NM, 88210		Project Manager	:: A	anna Byers					5/8/2025 9:03:35AM
		Analyst: DT							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519021-BLK1)							Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Chloride	ND	20.0							
LCS (2519021-BS1)							Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2519021-MS1)				Source:	E505027-	03	Prepared: 0	5/05/25 A	nalyzed: 05/05/25
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2519021-MSD1)	Source:	E505027-	03	5/05/25 Analyzed: 05/05/25					

250

20.0

266

106

80-120

0.308

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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 09:03

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	lytical L	nt Inform	sation		Invo	ice Information		1 10		La	b Us	e On	ly			- 1	TAT			State
	evon Energy			any, LP		Energy Production	CO.	Lat	: Wor	1	00	Job I	tum	ber	7 1	D 20	31	Std		CO UT
	TOMEAT 21 I		2001	-	Address: 5315 Bu	iena Vista Dr. arlsbad, NM, 8822D	-	E	505	202	7	400	P.	ш	11	_	-	1X	X	-
	13000 W Co		100		Phone: 575-885-							Ana	lysis	and	Meth	od			EP	A Progr
	le, Zip_Odess		765		Email: jim raley@	dvn-com											Т	П	SDWA	CWA
	32-305-6415 MTXGeoGrad		henv,con		Miscellameous: PN: 19304				19 (01)	No.			J		U		П	L	Compliant	of F
				Sample Infor	mation				100	3	170	100	N.	1	Mersi	3	1		PWSID#	-
Dree Samples	Direct Assessment of	Minn	30.47		Sample ID		Fifth	Lab Number	1.0	dos	Vi Ciu	NOC 18	Own	NEW YEAR	KCRA II Metal	Mode	XX		Sample Temp	Time
12:40	50/2025	5	1		BH11		0.5	1								2	1	Т	3.0	
17:45	5/1/2025	5	1		6H11		T	2	Г					-		×	4	Т	3.8	
12:50	-5/1///05	5	t		8411		I	3								×	0	1	3.0	
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L. M. S. Z.		5.2.25	1345	Couth	n	ia		5.2.25		7	74		5			MOVE D BUT				
Adminish	ed by: (Signatur	e)		Date	Time	Received by (Signature	e)			District	-			line						Use Onl
Keilmenink	of by: Clignatus	ri .		Date	Time	Account by (Samour)	0		_	Date	_			Time			-			ed on i
				-			-			1									-	1/N

samples in applicable only to those samples monived by the laboration with this COC. The labelity of the Jaburysony is immed to the amount paid for on the report.

envirotech Inc.

Printed: 5/5/2025 9:29:11AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

GII .	Davon Francy Carlshad	Data Baraina I.	05/05/05	07.45		W LO L ID	F505020
Client:	Devon Energy - Carlsbad	Date Received:	05/05/25			Work Order ID:	E505029
Phone:	(575) 748-0176	Date Logged In:	05/02/25			Logged In By:	Noe Soto
Email:	anna@etechenv.com	Due Date:	05/09/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location man	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Comion C	i.a		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	Carrier: <u>C</u>	<u>ourier</u>		
	Il samples received within holding time?	ned unaryses.	Yes				
3. Word u	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion	•	103			Comment	s/Resolution
Sample T	<u>urn Around Time (TAT)</u>			Γ			
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	were custody/security seals intact?		NA				
•	e sample received on ice?						
12. was ui	Note: Thermal preservation is not required, if samples ar 15 minutes of sampling	e received within	Yes				
13. See C	OC for individual sample temps. Samples outside of	f 0°C-6°C will be	recorded	in comments.			
Sample C	<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers'	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>pel</u>						
	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	_			
	Preservation		No				
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?	escivea:					
	filtration required and/or requested for dissolved ma	etale?	NA No				
	i i	itais:	110				
	see Sample Matrix	9	3.7				
	the sample have more than one phase, i.e., multipha		No				
27. II yes,	, does the COC specify which phase(s) is to be analy	/zed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab:	: NA		
Client Ir	nstruction_						

Date

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

	15			
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ı		Anal	ytical	Lab
		and and	C	ient In

Chain of Custody

Page of

Received by OCD: 8/20/2025 6:29:44 AM

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Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505030

Job Number: 01058-0007

Received: 5/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/8/25

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

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

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

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

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

Date Reported: 5/8/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505030

Date Received: 5/5/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devo	n Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488	7 Rivers Hwy	Project Number:	01058-0007	Reporteu:
Artes	ia NM, 88210	Project Manager:	Anna Byers	05/08/25 15:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH12 0.5'	E505030-01A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH12 1'	E505030-02A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH13 0.5'	E505030-03A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH13 1'	E505030-04A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH14 0.5'	E505030-05A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH14 1'	E505030-06A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH15 0.5'	E505030-07A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH15 1'	E505030-08A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH16 0.5'	E505030-09A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH16 1'	E505030-10A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH17 0.5'	E505030-11A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH17 1'	E505030-12A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH18 0.5'	E505030-13A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH18 1'	E505030-14A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH19 0.5'	E505030-15A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH19 1'	E505030-16A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH20 0.5'	E505030-17A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BH20 1'	E505030-18A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH12 0.5' E505030-01

	E303030-01				
D16			D	A a laa d	Notes
Result	Lillit	Dilution	Frepared	Anatyzeu	Notes
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2519017
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
ND	0.0500	1	05/05/25	05/05/25	
ND	0.0250	1	05/05/25	05/05/25	
	107 %	70-130	05/05/25	05/05/25	
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2519017
ND	20.0	1	05/05/25	05/05/25	
	94.5 %	70-130	05/05/25	05/05/25	
mg/kg	mg/kg	Ana	lyst: HM		Batch: 2519022
ND	25.0	1	05/05/25	05/06/25	
ND	50.0	1	05/05/25	05/06/25	
	93.9 %	61-141	05/05/25	05/06/25	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2519023
ND	20.0	1	05/05/25	05/06/25	
	ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO7 % mg/kg mg/kg mg/kg ND 20.0 94.5 % mg/kg ND 25.0 ND 50.0 93.9 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 Mg/kg mg/kg Ana ND 20.0 1 94.5 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 93.9 % 61-141 61-141 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0250 1 05/05/25 ND 0.0500 1 05/05/25 ND 0.0250 1 05/05/25 mg/kg Analyst: BA ND 20.0 1 05/05/25 mg/kg Analyst: HM ND 25.0 1 05/05/25 MD 50.0 1 05/05/25 ND 50.0 1 05/05/25 MD 50.0	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 05/05/25 05/05/25 ND 0.0500 1 05/05/25 05/05/25 ND 0.0250 1 05/05/25 05/05/25 ND 0.0250 1 05/05/25 05/05/25 mg/kg mg/kg Analyst: BA ND 20.0 1 05/05/25 05/05/25 mg/kg mg/kg Analyst: HM ND 25.0 1 05/05/25 05/06/25 ND 25.0 1 05/05/25 05/06/25 ND 50.0 1 05/05/25 05/06/25 ND 50.0 1 05/05/25

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH12 1'

E505030-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		92.2 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2519023
	ND	20.0		05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH13 0.5'

E505030-03						
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Гoluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		95.1 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2519023
Chloride	ND	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH13 1'

E505030-04

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		92.1 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2519023
	ND	20.0		05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH14 0.5' E505030-05

		E303030-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
o,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		94.7 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: IY		Batch: 2519023
Chloride	49.9	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH14 1'

E505030-06

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		95.9 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2519023
Chloride	59.8	20.0	1	05/05/25	05/06/25	•



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH15 0.5' E505030-07

		E505030-07				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
· many te	resur	2	Diracio		7 111117 200	110100
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		92.5 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2519023
Chloride	47.1	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH15 1'

E505030-08

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		95.4 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2519023
Chloride	58.7	20.0	1	05/05/25	05/06/25	•



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH16 0.5' E505030-09

		E303030-09				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/05/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/05/25	
Toluene	ND	0.0250	1	05/05/25	05/05/25	
o-Xylene	ND	0.0250	1	05/05/25	05/05/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/05/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/05/25	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	05/05/25	05/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		94.2 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2519023
Chloride	ND	20.0	1	05/05/25	05/06/25	·



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH16 1'

E505030-10

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		94.3 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2519023
Chloride	ND	20.0	1	05/05/25	05/06/25	•



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH17 0.5' E505030-11

		E505030-11				
	D. I	Reporting	D.1 (D 1		N. A
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		94.0 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2519023
Chloride	ND	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH17 1'

E505030-12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg Analyst: BA			Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Analyst: HM		Batch: 2519022	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		95.5 %	61-141	05/05/25	05/06/25	
	ma o /leo	mg/kg	Ana	ılyst: IY		Batch: 2519023
Anions by EPA 300.0/9056A	mg/kg	mg/kg	11110			Buten: 2317023



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH18 0.5'

		E505030-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
p-Xylene	ND	0.0250	1	05/05/25	05/06/25	
o,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		113 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		92.6 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2519023
Chloride	ND	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH18 1'

E505030-14

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/06/25	
Surrogate: n-Nonane		94.0 %	61-141	05/05/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2519023
Chloride	ND	20.0	1	05/05/25	05/06/25	•



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH19 0.5'

		E505030-15				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		113 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		94.2 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2519023
Chloride	ND	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH19 1'

E505030-16

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		94.6 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2519023
· · · · · · · · · · · · · · · · · · ·	ND	20.0		05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH20 0.5'

		E505030-17				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		114 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		92.8 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2519023
Chloride	ND	20.0	1	05/05/25	05/06/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

BH20 1'

E505030-18

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2519017
Benzene	ND	0.0250	1	05/05/25	05/06/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/06/25	
Toluene	ND	0.0250	1	05/05/25	05/06/25	
o-Xylene	ND	0.0250	1	05/05/25	05/06/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/06/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/06/25	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2519017
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	05/05/25	05/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: HM		Batch: 2519022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/05/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/05/25	05/07/25	
Surrogate: n-Nonane		93.9 %	61-141	05/05/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2519023
	ND	20.0		05/05/25	05/06/25	•



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/8/2025 3:24:21PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2519017-BLK1) Prepared: 05/05/25 Analyzed: 05/05/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.57 8.00 107 70-130 LCS (2519017-BS1) Prepared: 05/05/25 Analyzed: 05/05/25 5.24 5.00 105 70-130 Benzene 0.0250 Ethylbenzene 5.19 0.0250 5.00 104 70-130 5.23 0.0250 5.00 105 70-130 Toluene 102 o-Xylene 5.11 0.0250 5.00 70-130 10.5 10.0 105 70-130 0.0500 p.m-Xvlene 104 70-130 15.6 15.0 Total Xylenes 0.0250 8.00 106 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.50 Matrix Spike (2519017-MS1) Source: E505030-08 Prepared: 05/05/25 Analyzed: 05/05/25 5.71 0.0250 5.00 ND 70-130 Benzene ND 112 70-130 Ethylbenzene 5.62 0.0250 5.00 Toluene 5.68 0.0250 5.00 ND 114 70-130 5.54 ND 111 70-130 5.00 0.0250 o-Xylene p,m-Xylene 11.3 0.0500 10.0 ND 113 70-130 16.8 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.44 8.00 Matrix Spike Dup (2519017-MSD1) Source: E505030-08 Prepared: 05/05/25 Analyzed: 05/05/25 5.26 0.0250 5.00 ND 70-130 8.18 27 ND 70-130 5.21 0.0250 5.00 104 7.59 26 Ethylbenzene Toluene 5 25 0.0250 5.00 ND 105 70-130 7 91 20

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

102

105

104

106

70-130

70-130

70-130

70-130

7.73

7.31

7.45

25

23

26

5.12

10.5

15.6

8.47



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

Artesia NM, 88210		Project Manager	r: Ar	ına Byers				5/8	/2025 3:24:21PM
	Non	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519017-BLK1)							Prepared: 0	5/05/25 Analy	zed: 05/05/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			
LCS (2519017-BS2)							Prepared: 0	5/05/25 Analy	zed: 05/05/25
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.4	70-130			
Matrix Spike (2519017-MS2)				Source:	E505030-	08	Prepared: 0	5/05/25 Analy	zed: 05/05/25
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
Matrix Spike Dup (2519017-MSD2)				Source:	E505030-	08	Prepared: 0	5/05/25 Analy	zed: 05/05/25
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130	2.76	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TOMCAT 21 FEDERAL #001 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/8/2025 3:24:21PM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers					5/8/2025 3:24:21PM
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519022-BLK1)							Prepared: 0	5/05/25 Aı	nalyzed: 05/06/25
tiesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	44.3		50.0		88.7	61-141			
CS (2519022-BS1)							Prepared: 0	5/05/25 Aı	nalyzed: 05/06/25
riesel Range Organics (C10-C28)	236	25.0	250		94.4	66-144			
urrogate: n-Nonane	43.5		50.0		86.9	61-141			
Aatrix Spike (2519022-MS1)				Source:	E505030-1	11	Prepared: 0	5/05/25 Aı	nalyzed: 05/06/25
riesel Range Organics (C10-C28)	243	25.0	250	ND	97.1	56-156			
urrogate: n-Nonane	44.0		50.0		87.9	61-141			
Matrix Spike Dup (2519022-MSD1)				Source:	E505030-1	11	Prepared: 0	5/05/25 Aı	nalyzed: 05/06/25
tiesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156	3.79	20	
urrogate: n-Nonane	45.7		50.0		91.3	61-141			



Chloride

QC Summary Data

Devon Energy - Carlsbad		Project Name:		OMCAT 21 FI	EDERAL #	#001			Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager		.058-0007 nna Byers					5/8/2025 3:24:21PM
7.1105.11.71.71.71.71.71.71.71.71.71.71.71.71.				300.0/9056A	A				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2519023-BLK1)							Prepared: 0	5/05/25 A	Analyzed: 05/06/25
Chloride	ND	20.0							
LCS (2519023-BS1)							Prepared: 0	5/05/25	Analyzed: 05/06/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2519023-MS1)				Source:	E505030-0	03	Prepared: 0	5/05/25 A	Analyzed: 05/06/25
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2519023-MSD1)				Source:	E505030-0	03	Prepared: 0	5/05/25 A	Analyzed: 05/06/25

250

20.0

ND

101

80-120

0.0349

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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/08/25 15:24

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Received by OCD: 8/20/2025 6:29:44 AM

Ana	lytical L	ab at informi	stion		Invoice	Information		1	9	Lisb	Use C	nly		8			AT	10	State	
House The	von Energy	4 - 4 - 1		w.1P	Company: Devon Er	ergy Production	Co,	Lab	学!	401	lol	Num	ber	7	10	20	3D Std		TU. OD	TX
brokert- T	DMCAT 21	FEDERAL	1001		Address: 5315 Buen	a Vista Dr.		E	200	202	1-1713	128	u				1	X	_	
	lanager: Ann				City, State, Zip: Carl	shad, NM, 88220		-100	-			-1 -1						1 16	A Change	
whitens.	13000 W Co	unty fld 1	00		Phune, 575-885-750	02		-111	-	-	A	witer	sand	IVIE	mea			SDWA	A Progra	RCHA
Ity Stat	e, Zip Odesi	ia,TX, 797	65		Email: jim.raley@d	VII.COM	_	-11	1			1						2DAAW	CHM	HCHA
	32-305-6415				Miscellaneous:						- 1	1	1					Compliant	-Tx	or I
mait: N	VTX/SeoGro	updilutech	henverm		PN: 19304		_	-41	급	100		0	10	3				PWSID#	-	
				Sample Infor	mation				3.5	20	Transport	0100 491	1	N.		1	3.1			
Timil	Conclumber	- Olav	-		Sample ID		TIME	Late	. 8	200	Sec.	1	mont door	STAN Meso		9	11	Samore Temp	Ren	naries
13:30	5/1/00/05	5	4		BH12		0.5	1								×		2.8		
19:05	5/17/625	15	1		BH12		3,	2	1							×		2.6		
13:40	Vinos	5	1		B#)13		0.5	3								×		3.0		
13:45	5/1/2025	5	Ú.		EZHG		1,	4								×		3.4		
13:50	5/1/2825	5	1		BH14		0.5	5								×		36		
13:55	5)1/2025	S	1		BH14		2,	10								×		4.0		
14:00	5/173025	8	1		81115		0.5	7						1		X		2.8		
14:05	5/1/7075	5	1		8H15		1,	8				1				×		2.2		
14:10	MA/2005	5	1		BHILE		0.5	9				1		1		X	1	2.0		
14:15	9/1/2589	3	1		BH16		1	10					1			X		2.6		
	onal instruct																			
		the extended a	of an Portion	Angel may	new that farming with a	transcription, residence	in ra	warly loco	HUP, IDA		plants.	cielli	CLESSON	med fo	mal Acid	I Hilly I	to grante	m. Right, Action		
Balleyo	years sharp	yest.	1.15	97/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	All	Michelle	G	ont	rles	5	-20	15	f.in	10	30		1 1	Samples in		
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	or de Mo	-local:		Trans.	The	Necessed by 15000	ilen)			Sate			711	Tree .					W/N	

Container Type: g - gints, p - poly/positic, ag - mibet glass, v - VOA. Note: Temples are described 14 steps after require are reported unless other arrangements are made: Hazarthous samples will be returned to clean or slappant of at the other expense. The report for the analysis of the observe samples is amplicable only to those tampies assumed by the hyberatory with this CCC. The satisfay of the laboratory is invited to the amount past to protect report.

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	Aanager: Ann 13000 W Co		100	_	Phone: 575-885-7	aristrad, NM, 88220 7802	-	- 11		_	_	Ana	lysis	and	Met	hod	_		FP	A Program-	_
	te, Zip_Odess			-	Email: jim.raley@							701	9.00	-114	17110				SDWA	CWA RC	RA
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14:25	E/1/2025	.5	1		BH17		0.5	11									x		36		
1430	5/1/2025	5	i		BH17		1,	17								П	x		34		
14:35	5/1/1025	5	1		5H18		0.5	13	-								x		32		
14:40	5/1/2025	5	i		BH18		1	14									x		31		
14:45	N/1/2025	5	i		BH19		0.5	15	T								x		34		
14:50	5/1/2025	3	1		BH10		1.	110	t								x		29		
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Sarrole Ma	tric 5 - Self Mr - S	orio, Sg Sin	Agii. A - Aquin	sou, G-Other	1		Ton	amer Typ	e-4-	glass	p - 5	adiy/s	niastic	c, ag	-ami	ber gla	n, s	-VOA	,		_

Languits & applicable only to those samples received by the lateratory with Inti-COC. The distinct of the lateratory is limited to the language paid for on the report.

envirotech Inc.

Printed: 5/5/2025 9:30:08AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/05/25	07:45			Work Order ID:	E505030
Phone:	(575) 748-0176	Date Logged In:	05/02/25	16:22			Logged In By:	Noe Soto
Email:	anna@etechenv.com	Due Date:	05/09/25	17:00 (4 da	ay TAT)			
Chain of	Custody (COC)							
	ne sample ID match the COC?		Yes					
	e number of samples per sampling site location ma	tch the COC	Yes					
	amples dropped off by client or carrier?		Yes	C	arrier: <u>Co</u>	<u>urier</u>		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes					
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes		_		<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)							
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes					
Sample C								
	sample cooler received?		Yes					
8. If yes,	was cooler received in good condition?		Yes					
9. Was the	e sample(s) received intact, i.e., not broken?		Yes					
10. Were	custody/security seals present?		No					
11. If yes,	were custody/security seals intact?		NA					
	e sample received on ice? Note: Thermal preservation is not required, if samples at 15 minutes of sampling		Yes					
13. See C	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comme	ents.			
Sample C								
	queous VOC samples present?		No					
	OC samples collected in VOA Vials?		NA					
	head space less than 6-8 mm (pea sized or less)?		NA					
	trip blank (TB) included for VOC analyses?		NA					
18. Are no	on-VOC samples collected in the correct containers	3?	Yes					
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes					
Field Lab								
	field sample labels filled out with the minimum info	ormation:	**					
	ample ID? ate/Time Collected?		Yes		L			
	ollectors name?		Yes No					
	reservation		NO					
	the COC or field labels indicate the samples were p	reserved?	No					
	ample(s) correctly preserved?		NA					
	filtration required and/or requested for dissolved m	etals?	No					
Multinha	se Sample Matrix							
	the sample have more than one phase, i.e., multipha	ise?	No					
	does the COC specify which phase(s) is to be anal		NA					
		,	11/1					
	act Laboratory	9	NT.					
	amples required to get sent to a subcontract laborate	-	No	G 1 .		3.7.4		
29. was a	subcontract laboratory specified by the client and i	I so wno?	NA	Subcont	tract Lab:	NA		
Client In	<u>istruction</u>							
								Year of

Date

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

Andl	ytical Lo	t Inform	ation	100	Invoice	Information				Lal	b Usi	e Only	Y	-	7		T		100	1	State	e
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dress: I	3000 W Co	unty Rd 1	00	P	hone: 575-885-750)2		-	L.			Anal	ysis	and M	Met	hod					A Progra	-
v. State	, Zip_Odess	a,TX, 797	65	E	mail: jim.raley@dv	n.com													5	DWA	CWA	RCRA
	2-305-6415			1	Miscellaneous: In	cident ID:		100														-
	TXGeoGrou		nenv.com	F	N: 19304 DRY	1201614643	99		2108	stos										mplian	ce Y	or N
			34.3	20000000			M			英	8021	38:	300.0	5	2		-		P	WSID #		
				Sample Inform	ation	35	12	-	9	8	8	7.82	10.00	8	2		五	2	10	ple no	200	CONT.
Time impled	Date Sampled	Matrix	Aug of Contraper		Sample ID	18	桂	Lab Number	44 CHO/DHD	ча сва/ава	STEX 5y	VOC 5y 8260	Chlane	100,01005	RCSA 8 Metals		ACDD9	Hydopa		Sample		narks
3:30	5/1/7075	5	1		BH12		0.5	1									X		1	2.8	field	
3:35	5/1/2025	5	1		BH12		1,	2									×		2	.0	to Si Dept	ompu h.
3:40	5/1/2025	5	1.		BH13		0.5	3									X		13	3.0	Adde	4 60
3:45	5/1/2025	5	1		BH13		17	4									X		3	3.4	さか	cident
13:50	5/1/2025	5	ı		BH14		0,5	5									х		1	36		Clien
3:55	5/1/2025	5	1		BH14		12	0									×		4	1.0	WS.	5.5.2
4:00	5/1/2025	5	1		BH15		0.5	7									X		5	2.8		
4:05	5/1/2025	5	1		BH15		T	8									X		a	?.2		
4 10	5/1/2075	S	1		BH16		0.5	9									X		2	2.0		
14:15	5/1/2025	5	1		BH16		1,	10									×		o	7.6		
			The state of the s	476201																		
	color), attest to s	he validity a	ed authentic to	y of this sample - I am awa	and that tampering with of	ententionally mislabelini	g the te	mulie locat	isin, dah	e ne tim	es of s	allection	11.00	nsidere	ie fran	tine bu	may b	e grounds	ftir les	phaction		
No. of the last	TOU Engl	- IN	20	957 12/2019	Tierre	Michelle	G	onga	les	Date	1-2	:25	5	1	0	30		4	reser	vation i	equiring the must be re	eceived o
elinquist	hed the (Signat	Gon	inles	5.2.25	1745	Recorded by a Syrnat	ute)			3	.2	2	5	Time	17	4	5		ecery	ed pack	hey are sa ced on ice	at a tem
eline	hed by (Signal	ure) 6		5.2.25	2345	auth	70	la	_	6	5.5	:25	-	7	14	5	-		abo	subse	t less than quent day	rs.
Mitquis	hed by: (Signal	bate)		Date	Time	Received by (Signat	ture)			Dete				Time						Recei	Use Only	
letinguis	hed by: (Signa	ture)		Date	Time	Received by: (Signal				Date				Time						3	YIN	
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Client: D	evon Energy	Producti	on Comp	any, LP		n Energy Production	Co.	La	b WO	_		10000	Num	ber		10		3D S	rd NA	v co
Project:	TOMCAT 21	FEDERAL	#001	- 13	Address: 5315	The second secon		E	505	23	0	MO	58.	CAD	7		-	1	d x	
	Manager: An				The contract of the contract o	Carlsbad, NM, 8822	0													
	13000 W Co				Phone: 575-885	-7502						Ana	lysis	and	Met	hod			1	EPA P
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Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505115

Job Number: 01058-0007

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/16/25

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

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

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

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

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

Date Reported: 5/16/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505115

Date Received: 5/12/2025 8:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutode
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/16/25 11:56

Client Sample ID	Lab Sample ID Matrix	Sampled Rece	ived Container
BH12 2'	E505115-01A Soil	05/08/25 05/12	2/25 Glass Jar, 2 oz.
BH12 3'	E505115-02A Soil	05/08/25 05/12	2/25 Glass Jar, 2 oz.
BH12 4'	E505115-03A Soil	05/08/25 05/12	2/25 Glass Jar, 2 oz.
BH13 2'	E505115-04A Soil	05/08/25 05/12	2/25 Glass Jar, 2 oz.
BH13 3'	E505115-05A Soil	05/08/25 05/12	2/25 Glass Jar, 2 oz.
BH13 4'	E505115-06A Soil	05/08/25 05/12	2/25 Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/16/2025 11:56:37AM

BH12 2' E505115-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
Surrogate: 4-Bromochlorobenzene-PID		83.3 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2520019
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/13/25	
Surrogate: n-Nonane		68.2 %	61-141	05/12/25	05/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2520053
Chloride	998	20.0	1	05/13/25	05/13/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/16/2025 11:56:37AM

BH12 3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2520019
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/13/25	
Surrogate: n-Nonane		99.8 %	61-141	05/12/25	05/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2520053
Chloride	2590	40.0	2	05/13/25	05/13/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/16/2025 11:56:37AM

BH12 4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		85.8 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2520019
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/13/25	
Surrogate: n-Nonane		94.8 %	61-141	05/12/25	05/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2520053
Chloride	925	20.0	1	05/13/25	05/14/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/16/2025 11:56:37AM

BH13 2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
Surrogate: 4-Bromochlorobenzene-PID		81.1 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	05/12/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2520019
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/13/25	
Surrogate: n-Nonane		95.8 %	61-141	05/12/25	05/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2520053
imons by Elile Colors Cecil						



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/16/2025 11:56:37AM

BH13 3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		85.4 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KH		Batch: 2520019
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/13/25	
Surrogate: n-Nonane		101 %	61-141	05/12/25	05/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2520053
Chloride	1020	20.0	1	05/13/25	05/14/25	•



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/16/2025 11:56:37AM

BH13 4'

E505115-	0
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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2520005
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	05/12/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2520019
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/13/25	
Surrogate: n-Nonane		100 %	61-141	05/12/25	05/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2520053
Chloride	2710	40.0	2	05/13/25	05/14/25	



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/16/2025 11:56:37AM **Volatile Organics by EPA 8021B** Analyst: SL Source RPD Reporting Spike Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2520005-BLK1) Prepared: 05/12/25 Analyzed: 05/14/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.74 8.00 84.2 70-130 LCS (2520005-BS1) Prepared: 05/12/25 Analyzed: 05/14/25 4.98 5.00 99.5 70-130 0.0250 Benzene Ethylbenzene 5.01 0.0250 5.00 100 70-130 70-130 Toluene 5.03 0.0250 5.00 101 4.93 98.6 70-130 o-Xylene 0.0250 5.00 10.1 0.0500 10.0 101 70-130 p,m-Xylene 100 70-130 15.0 0.0250 15.0 Total Xylenes 8.00 70-130 83.0 Surrogate: 4-Bromochlorobenzene-PID 6.64

Matrix Spike (2520005-MS1)				Source:	E505115-0	04	Prepared: 05/12/25 Analyzed: 05/14/25
Benzene	4.79	0.0250	5.00	ND	95.8	70-130	
Ethylbenzene	4.82	0.0250	5.00	ND	96.3	70-130	
Toluene	4.84	0.0250	5.00	ND	96.8	70-130	
o-Xylene	4.72	0.0250	5.00	ND	94.5	70-130	
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	70-130	
Total Xylenes	14.4	0.0250	15.0	ND	96.3	70-130	
Surrogate: 4-Bromochlorobenzene-PID	6.50		8.00		81.3	70-130	

Matrix Spike Dup (2520005-MSD1)				Source:	E505115-	04	Prepared: 05	5/12/25 Analyzed: 05/14/25
Benzene	4.58	0.0250	5.00	ND	91.7	70-130	4.45	27
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	70-130	3.75	26
Toluene	4.63	0.0250	5.00	ND	92.6	70-130	4.42	20
o-Xylene	4.55	0.0250	5.00	ND	91.0	70-130	3.75	25
p,m-Xylene	9.37	0.0500	10.0	ND	93.7	70-130	3.65	23
Total Xylenes	13.9	0.0250	15.0	ND	92.8	70-130	3.69	26
Surrogate: 4-Bromochlorobenzene-PID	6.68		8.00		83.4	70-130		

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Anna Byers	5/16/2025 11:56:37AM

Artesia NM, 88210		Project Manage		na Byers				5/1	6/2025 11:56:37AN
	Non		Analyst: SL						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2520005-BLK1)							Prepared: 0:	5/12/25 Anal	yzed: 05/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			
LCS (2520005-BS2)						Prepared: 0:	5/12/25 Anal	yzed: 05/14/25	
Gasoline Range Organics (C6-C10)	37.3	20.0	50.0		74.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.3	70-130			
Matrix Spike (2520005-MS2)				Source:	E505115-0)4	Prepared: 0:	5/12/25 Anal	yzed: 05/14/25
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			
Matrix Spike Dup (2520005-MSD2)				Source:	E505115-0)4	Prepared: 0	5/12/25 Anal	yzed: 05/14/25
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	85.0	70-130	3.54	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.94		8.00		99.2	70-130			



Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TOMCAT 21 FEDERAL #001 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/16/2025 11:56:37AM

Ana RPD Limit %	nlyst: KH
Limit	Notes
%	Notes
12/25 Analyzed	d: 05/13/25
12/25 Analyzed	d: 05/13/25
12/25 Analyzed	d: 05/13/25
12/25 Analyzed	d: 05/13/25
20	
]	12/25 Analyzed 12/25 Analyzed 12/25 Analyzed



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		OMCAT 21 F 058-0007	EDERAL #	#001			Reported:
Artesia NM, 88210		Project Manager:	Aı	nna Byers					5/16/2025 11:56:37AM
		Anions	by EPA 3	00.0/9056	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2520053-BLK1)							Prepared: 0:	5/13/25 A	nalyzed: 05/13/25
Chloride	ND	20.0							
LCS (2520053-BS1)							Prepared: 0	5/13/25 A	nalyzed: 05/13/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2520053-MS1)				Source:	E505111-0)2	Prepared: 0:	5/13/25 A	nalyzed: 05/13/25
Chloride	597	20.0	250	372	90.2	80-120			
Matrix Spike Dup (2520053-MSD1)				Source:	E505111-0)2	Prepared: 0:	5/13/25 A	nalvzed: 05/13/25

250

20.0

80-120

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/16/25 11:56

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.



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Page 319 of 543

An	alytical Clie	nt Inform	nation		In	voice Information				L	ab Us	e Or	ulv		T		TA	T		Sta
Client: D	evon Energy			any, LP	1	n Energy Production	Co.	- 10	ab WO	_		Job	Num	ber	-	10		3D Std	NM	colu
	TOMCAT 21		#001		Address: 5315 E	Juena Vista Dr.			ab WO	5/1	5	010	188	-00	50			- 8		
	Manager: And : 13000 W Co		100	-	City, State, Zip: Phone: 575-885	Carlsbad, NM, 8822)	-	-				fi sala			- 1				A fire
	te, Zip_Odes				Email: jim.raley		_	\dashv	-	1		Ana	ilysis	and	Meth	nou	T		SDWA	A Prog
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Time	Date Samoud	Matrix	(4.4)	Sample into	Sample Information Sample ID			Lab		GRD/DRD	BTEX by \$023	VDC by 8260	Chloride 300	0 1008	RCRA S Metals		000-10	T 300	Sample Temp	R
10:25	5/8/2025	5			BH12		Depth 2'	Numb	B 196	15	10	8	5	Théo	96	+	2	9		
10:30	5/8/2025	100	1		BH12		3'	1		-					-	-	X		5.7	
200		S	1		0.631		4	2									Х		5.3	
10:35	5/8/2025	S	1		BH12			3									X		5.4	
10:40	5/8/2025	S	1		BH13			4									x		5.5	
10:45	5/8/2025	.5	1		BH13			5									x	17	5.6	
10:50	5/8/2025	5	1		BH13		4"	6									x		5.8	
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Envirotech Analytical Laboratory

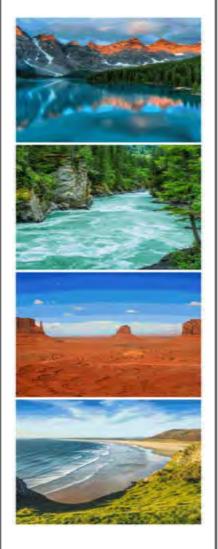
Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/12/25	08:30	Work Order ID:	E505115
Phone:	(575) 748-0176	Date Logged In:	05/09/25	14:15	Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:		17:00 (4 day TAT)	88,-	
Chain o	f Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location ma	tch the COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: Courier			
4. Was t	ne COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were	all samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted in				Commen	ts/Resolution
Sample	i.e, 15 minute hold time, are not included in this disucssi Turn Around Time (TAT)	on.				
	te COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	· •		103			
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
	ne sample(s) received intact, i.e., not broken?					
			Yes			
	e custody/security seals present?		No			
-	s, were custody/security seals intact?		NA			
12. Was t	he sample received on ice? Note: Thermal preservation is not required, if samples ar	a racaited within	Yes			
	15 minutes of sampling	c received within				
13. See	COC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded	in comments.		
	<u> </u>					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	ibel					
	e field sample labels filled out with the minimum info	ormation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation	10				
	s the COC or field labels indicate the samples were p	reservea?	No			
	sample(s) correctly preserved?	-4-1-0	NA			
	o filtration required and/or requested for dissolved m	etais?	No			
	ase Sample Matrix					
	s the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborato	•	No			
29. Was	a subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab: NA		
Client 1	<u>Instruction</u>					
						1
Signa	ature of client authorizing changes to the COC or sample dis	position.		Da	ıte	envirotech Inc.

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505213

Job Number: 01058-0007

Received: 5/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/23/25

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

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

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

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

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

Date Reported: 5/23/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505213

Date Received: 5/19/2025 7:30:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/19/2025 7:30:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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mgonzales@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/23/25 11:48

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH14 2'	E505213-01A Soil	05/09/25	05/19/25	Glass Jar, 2 oz.
BH14 3'	E505213-02A Soil	05/09/25	05/19/25	Glass Jar, 2 oz.
BH14 4'	E505213-03A Soil	05/09/25	05/19/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 11:48:35AM

BH14 2' E505213-01

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst	: IY		Batch: 2521036
ND	0.0250	1	05/20/25	05/21/25	
ND	0.0250	1	05/20/25	05/21/25	
ND	0.0250	1	05/20/25	05/21/25	
ND	0.0250	1	05/20/25	05/21/25	
ND	0.0500	1	05/20/25	05/21/25	
ND	0.0250	1	05/20/25	05/21/25	
	99.0 %	70-130	05/20/25	05/21/25	
mg/kg	mg/kg	Analyst	: IY		Batch: 2521036
ND	20.0	1	05/20/25		
		1	03/20/23	05/21/25	
	102 %	70-130	05/20/25	05/21/25	
mg/kg		70-130 Analyst	05/20/25		Batch: 2521056
mg/kg ND	102 %		05/20/25		Batch: 2521056
	102 % mg/kg		05/20/25 : HM	05/21/25	Batch: 2521056
ND	102 % mg/kg 25.0		05/20/25 : HM 05/20/25	05/21/25	Batch: 2521056
ND	102 % mg/kg 25.0 50.0	Analyst 1 1	05/20/25 : HM 05/20/25 05/20/25 05/20/25	05/21/25 05/22/25 05/22/25	Batch: 2521056 Batch: 2521055
	ND ND ND ND ND ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 70-130 mg/kg mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 05/20/25 ND 0.0250 1 05/20/25 ND 0.0250 1 05/20/25 ND 0.0250 1 05/20/25 ND 0.0500 1 05/20/25 ND 0.0250 1 05/20/25 ND 0.0250 1 05/20/25 MD 0.0250 1 05/20/25 mg/kg mg/kg Analyst: IY	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 05/20/25 05/21/25 ND 0.0500 1 05/20/25 05/21/25 ND 0.0250 1 05/20/25 05/21/25 ND 0.0250 1 05/20/25 05/21/25 MD 0.0250 1 05/20/25 05/21/25 MD 0.0250 1 05/20/25 05/21/25 MD 0.0250 3 05/20/25 05/21/25 MD 0.0250 Analyst: IY V

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 11:48:35AM

BH14 3'

		E505213-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2521036
Benzene	ND	0.0250	1	05/20/25	05/21/25	
Ethylbenzene	ND	0.0250	1	05/20/25	05/21/25	
Toluene	ND	0.0250	1	05/20/25	05/21/25	
o-Xylene	ND	0.0250	1	05/20/25	05/21/25	
p,m-Xylene	ND	0.0500	1	05/20/25	05/21/25	
Total Xylenes	ND	0.0250	1	05/20/25	05/21/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/20/25	05/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2521036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/20/25	05/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	05/20/25	05/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2521056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/22/25	
Surrogate: n-Nonane		117 %	61-141	05/20/25	05/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2521055
Chloride	826	20.0	1	05/20/25	05/20/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 11:48:35AM

BH14 4'

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2521036
Benzene	ND	0.0250	1	05/20/25	05/21/25	
Ethylbenzene	ND	0.0250	1	05/20/25	05/21/25	
Toluene	ND	0.0250	1	05/20/25	05/21/25	
o-Xylene	ND	0.0250	1	05/20/25	05/21/25	
p,m-Xylene	ND	0.0500	1	05/20/25	05/21/25	
Total Xylenes	ND	0.0250	1	05/20/25	05/21/25	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	05/20/25	05/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2521036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/20/25	05/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/20/25	05/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2521056
Diesel Range Organics (C10-C28)	ND	25.0	1	05/20/25	05/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/20/25	05/22/25	
Surrogate: n-Nonane		115 %	61-141	05/20/25	05/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2521055
11110115 2 3 22111 0 0 0 0 0 1 1						



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/23/2025 11:48:35AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2521036-BLK1) Prepared: 05/20/25 Analyzed: 05/21/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.07 8.00 101 70-130 LCS (2521036-BS1) Prepared: 05/20/25 Analyzed: 05/21/25 4.77 5.00 95.4 70-130 Benzene 0.0250 Ethylbenzene 4.74 0.0250 5.00 94.9 70-130 4.75 0.0250 5.00 95.0 70-130 Toluene 93.9 o-Xylene 4.70 0.0250 5.00 70-130 9.62 10.0 96.2 70-130 0.0500 p.m-Xvlene 95.4 70-130 14.3 15.0 Total Xylenes 0.0250 8.00 97.3 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.78 Matrix Spike (2521036-MS1) Source: E505206-06 Prepared: 05/20/25 Analyzed: 05/21/25 4.78 0.0250 5.00 ND 70-130 Benzene ND 94.9 70-130 Ethylbenzene 4.75 0.0250 5.00 Toluene 4.75 0.0250 5.00 ND 95.0 70-130 4.69 ND 93.7 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.61 0.0500 10.0 ND 96.1 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.59 8.00 Matrix Spike Dup (2521036-MSD1) Source: E505206-06 Prepared: 05/20/25 Analyzed: 05/21/25 4.73 0.0250 5.00 ND 94.6 70-130 1.07 27 4.72 ND 70-130 0.624 0.0250 5.00 94.4 26 Ethylbenzene Toluene 4 70 0.0250 5.00 ND 94 1 70-130 0.951 20 4.65 5.00 ND 93.0 70-130 0.754 25 o-Xylene 0.0250 0.543 23 9.56 10.0 ND 95.6 70-130 p,m-Xylene 0.0500



14.2

7.67

0.0250

15.0

8.00

ND

94.7

95.9

70-130

70-130

0.612

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TOMCAT 21 FEDERAL #001 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 11:48:35AM

Artesia NM, 88210		Project Manage	r: Ar	nna Byers				5/23	/2025 11:48:35AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2521036-BLK1)							Prepared: 0	5/20/25 Analy	zed: 05/21/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.54		8.00		107	70-130			
LCS (2521036-BS2)							Prepared: 0	5/20/25 Analy	zed: 05/21/25
Gasoline Range Organics (C6-C10)	54.8	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.79		8.00		110	70-130			
Matrix Spike (2521036-MS2)				Source:	E505206-	06	Prepared: 0	5/20/25 Analy	zed: 05/21/25
Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.88		8.00		111	70-130			
Matrix Spike Dup (2521036-MSD2)				Source:	E505206-	06	Prepared: 0	5/20/25 Analy	zed: 05/21/25
Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130	3.41	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.86		8.00		111	70-130			

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 11:48:35AM

Artesia NM, 88210		Project Manage	r: Ar	nna Byers				:	5/23/2025 11:48:35AM	
Nonhalogenated Organics by EPA 8015D - DRO/ORO										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2521056-BLK1)							Prepared: 0	5/20/25 A1	nalyzed: 05/21/25	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	58.0		50.0		116	61-141				
LCS (2521056-BS1)							Prepared: 0	5/20/25 Aı	nalyzed: 05/21/25	
Diesel Range Organics (C10-C28)	282	25.0	250		113	66-144				
Surrogate: n-Nonane	56.2		50.0		112	61-141				
Matrix Spike (2521056-MS1)				Source:	E505206-0	07	Prepared: 0	5/20/25 Aı	nalyzed: 05/23/25	
Diesel Range Organics (C10-C28)	1020	25.0	250	888	51.8	56-156			M4	
Surrogate: n-Nonane	70.5		50.0		141	61-141				
Matrix Spike Dup (2521056-MSD1)				Source:	E505206-0	07	Prepared: 0	5/20/25 A1	nalyzed: 05/21/25	
Diesel Range Organics (C10-C28)	1090	25.0	250	888	82.0	56-156	7.16	20		
Surrogate: n-Nonane	66.9		50.0		134	61-141				

Chloride

Chloride

Matrix Spike Dup (2521055-MSD1)

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	: 0	OMCAT 21 F1 1058-0007	EDERAL	#001			Reported:
Artesia NM, 88210		Project Manager	r: A	nna Byers				5.	/23/2025 11:48:35AM
		Anions	by EPA 3	300.0/9056 <i>E</i>	4				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2521055-BLK1)							Prepared: 0	5/20/25 An	alyzed: 05/20/25
Chloride	ND	20.0							
LCS (2521055-BS1)							Prepared: 0	5/20/25 An	alyzed: 05/20/25
Chloride	253	20.0	250	·	101	90-110	·	·	
Matrix Spike (2521055-MS1)				Source:	E505213-	02	Prepared: 0	5/20/25 An	alyzed: 05/20/25

250

250

20.0

20.0

826

826

110

119

Source: E505213-02

80-120

80-120

1.83

Prepared: 05/20/25 Analyzed: 05/20/25

20

1100

1120

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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/23/25 11:48

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.



	otec					Chain of	Custo		EZ	505	213	0	wi									-
	Clies	nt Inform	notion		1	rvoice Information		T	-	,,,	Lab U	_	-				1/	A.F.			State	e
Client: D	evon Energy	Praduct	on Comp	any, LP		on Energy Production	Co	- 1	E S	MOH.		Job	Num	ber	7	10	7D	30		NM	CO LIT	TX
and the second	TOMCAT 21 i danager: Ann		#001		The second secon	Buena Vista Dr. Carlsbad, NM, 8822	0.	-	Di	K		LA	DX	an	1				X.	X	-	
Address	13000 W Co	unty Rd			Phone: 575-88	5-7502			E			Ani	lysis	and	Met	hod					A Progra	
	re, Zip_Odess 132-305-6415		765		Email: jim.raley		W. 183												.5	AWO	CWA	HCRA
	MTXGeoGra		henv.com	1	IN: nRM20163	WO: 1007085301; 7 45439	W: 153	1947		8012	9			П		Н				mplant	e Y	01
				Sample Info	ermation					10,000		8	ä	0	Melan	П	144		-	ASID #		
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Sample (Gather S - Link SR - Sink Sg - Singer, A - America, D - Other Container Type: g - girrs. p - poly/plattic, ag - amber eliets, >- VOA Under Compiles are discussed to dega after results and reported among other arrangements are made. Has arrangement to complet will be retired to place to disposed of all the client imposes. The resont for the about tamples applicable only to bloor samples received by the laborators with itos COC. The Kability of the laboratory is limited to the amount paid for no tile report

Page 13 of 14

Page 334 of 543

envirotech Inc.

Printed: 5/19/2025 10:54:12AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/19/25			Work Order ID:	E505213
Phone:	(575) 748-0176	Date Logged In:	05/19/25			Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	05/23/25	17:00 (4 day TAT)		
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier:	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes				
5. Were a	ll samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucss					Comment	ts/Resolution
_	Curn Around Time (TAT)		••				
	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
•	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling						
13. See C	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.			
	<u>Container</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers		Yes				
19. Is the	appropriate volume/weight or number of sample contain	iners collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum inf	ormation:	37				
	ample ID? late/Time Collected?		Yes				
	ollectors name?		Yes Yes				
	Preservation		103				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved m	etals?	No				
Multinha	ase Sample Matrix						
	the sample have more than one phase, i.e., multipha	ise?	No				
	, does the COC specify which phase(s) is to be anal		NA				
		y zea.	INA				
	act Laboratory		3.7				
	amples required to get sent to a subcontract laborato	-	No				
29. Was a	subcontract laboratory specified by the client and i	if so who?	NA	Subcontract La	ab: NA		
Client Ir	<u>istruction</u>						

Date

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

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505196

Job Number: 01058-0007

Received: 5/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/23/25

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

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

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

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

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

Date Reported: 5/23/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505196

Date Received: 5/19/2025 7:30:17AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/19/2025 7:30:17AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

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mgonzales@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/23/25 08:41

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH15 2'	E505196-01A Soil	05/09/25	05/19/25	Glass Jar, 2 oz.
BH15 3'	E505196-02A Soil	05/09/25	05/19/25	Glass Jar, 2 oz.
BH15 4'	E505196-03A Soil	05/09/25	05/19/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 8:41:34AM

BH15 2' E505196-01

		E303190-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
	mg/kg	mg/kg	Analy	vst: IY		Batch: 2521004
Volatile Organics by EPA 8021B	ND	0.0250	1	05/19/25	05/20/25	Batch. 2321004
Benzene			1			
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2521004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2521026
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/25	05/20/25	
Surrogate: n-Nonane		99.7 %	61-141	05/19/25	05/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2521017
Chloride	320	20.0	1	05/19/25	05/20/25	

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 8:41:34AM

BH15 3' E505196-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2521004
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2521004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.9 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2521026
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/25	05/20/25	
Surrogate: n-Nonane		103 %	61-141	05/19/25	05/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2521017
Chloride	1310	20.0	1	05/19/25	05/20/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 8:41:34AM

BH15 4'

		E505196-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2521004
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2521004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2521026
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/25	05/20/25	
Surrogate: n-Nonane		106 %	61-141	05/19/25	05/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2521017
Chloride	3700	40.0	2	05/19/25	05/19/25	



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/23/2025 8:41:34AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2521004-BLK1) Prepared: 05/19/25 Analyzed: 05/19/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.87 8.00 98.3 70-130 LCS (2521004-BS1) Prepared: 05/19/25 Analyzed: 05/19/25 4.05 5.00 81.0 70-130 Benzene 0.0250 Ethylbenzene 4.13 0.0250 5.00 82.5 70-130 4.09 0.0250 5.00 81.8 70-130 Toluene 82.3 o-Xylene 4.11 0.0250 5.00 70-130 8.39 10.0 83.9 70-130 0.0500 p.m-Xvlene 83.3 70-130 12.5 15.0 Total Xylenes 0.0250 8.00 97.1 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.76 Matrix Spike (2521004-MS1) Source: E505194-02 Prepared: 05/19/25 Analyzed: 05/20/25 4.29 0.0250 5.00 ND 85.7 70-130 Benzene ND 87.1 70-130 Ethylbenzene 4.36 0.0250 5.00 Toluene 4.33 0.0250 5.00 ND 86.6 70-130 4.33 ND 86.7 70-130 5.00 0.0250 o-Xylene p,m-Xylene 8.85 0.0500 10.0 ND 88.5 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.87 8.00 Matrix Spike Dup (2521004-MSD1) Source: E505194-02 Prepared: 05/19/25 Analyzed: 05/20/25 4.41 0.0250 5.00 ND 88.2 70-130 2.93 27 ND 70-130 3.79 4.52 0.0250 5.00 90.5 26 Ethylbenzene Toluene 4 47 0.0250 5.00 ND 89.5 70-130 3 26 20

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

90.2

91.9

91.3

98.3

70-130

70-130

70-130

70-130

3.95

3.78

3.84

25

23

26



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

4.51

9.19

13.7

7.86

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 8:41:34AM

Artesia NM, 88210		Project Manage	r: Aı	nna Byers				5/2	23/2025 8:41:34AN
	Nor	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
Blank (2521004-BLK1)							Prepared: 0	5/19/25 Ana	lyzed: 05/19/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.20		8.00		102	70-130			
LCS (2521004-BS2)							Prepared: 0	5/19/25 Ana	lyzed: 05/20/25
Gasoline Range Organics (C6-C10)	53.5	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.52		8.00		107	70-130			
Matrix Spike (2521004-MS2)				Source:	E505194-	02	Prepared: 0	5/19/25 Ana	lyzed: 05/20/25
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.67		8.00		108	70-130			
Matrix Spike Dup (2521004-MSD2)				Source:	E505194-	02	Prepared: 0	5/19/25 Ana	lyzed: 05/20/25
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130	4.44	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.45		8.00		106	70-130			



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 8:41:34AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: NV								
Rec Limits	RPD	RPD Limit						
%	%	%	Notes					
	Prepared: 0:	5/19/25	Analyzed: 05/19/25					
61-141								
	Prepared: 0:	5/19/25	Analyzed: 05/19/25					
66-144								
61-141								
	Prepared: 0:	5/19/25	Analyzed: 05/19/25					
56-156								
61-141								
	Prepared: 0:	5/19/25	Analyzed: 05/19/25					
56-156	11.0	20						
61-141								
	Rec Limits % 61-141 66-144 61-141 56-156	Rec Limits RPD % Prepared: 0: 61-141 Prepared: 0: 66-144 61-141 Prepared: 0: 56-156 61-141 Prepared: 0: 56-156 11.0	Rec Limits RPD Limit % % % Prepared: 05/19/25 A 61-141 Prepared: 05/19/25 A 56-156 61-141 Prepared: 05/19/25 A 56-156 11.0 20					



Chloride

Chloride

Matrix Spike Dup (2521017-MSD1)

M4

M4

Prepared: 05/19/25 Analyzed: 05/19/25

20

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		OMCAT 21 FI 1058-0007	EDERAL	#001			Reported:
Artesia NM, 88210		Project Manager	r: A	anna Byers				5/	/23/2025 8:41:34AM
		Anions	by EPA	300.0/9056 <i>A</i>	\				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits		RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2521017-BLK1)							Prepared: 0	5/19/25 Ana	alyzed: 05/19/25
Chloride	ND	20.0							
LCS (2521017-BS1)							Prepared: 0	5/19/25 Ana	alyzed: 05/19/25
Chloride	264	20.0	250	•	106	90-110	·		
Matrix Spike (2521017-MS1)				Source:	E505196-	03	Prepared: 0	5/19/25 Ana	alyzed: 05/19/25

250

250

40.0

40.0

3700

3700

67.3

NR

Source: E505196-03

80-120

80-120

3860

3640

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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/23/25 08:41

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.



(3)	envirotech
	Client Information
	Client: Devon Energy Production Company, LP
	Protect: TOMCAT 21 FEDERAL #001

Simole

8:40

B:44

8:48

Project Manager: Anna Byers

State Sampled

5/9/2025

5/9/2025

59/2019

Additional Instructions:

required by Orienta Sharringua

Politicaushed by: (Sientfüre)

Fernancial by (Signature)

Relimpassed by (Nigrature)

Phone: 437-305-6415

Address: 13000 W County Rd 100

City, State, Zip_Odessa,TX, 79765

Email: NMTXGeoGroup@etecheny.com

-5

5

5

Generales

Citte

THE PT

1

1

Chain of Custody

Samulia (Asserto, 5 - Anil, 54 - Stalet, 5g - Shadge, A - Annecont, D - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Note: Samples and discarded Military after results are reported unless other employees are made. Hazardian complex will be returned to pleast or disposed of all the pleast argainster. The resort for the above ample is applicable party to those samples received by the Mooratory with this COC. The Estality of the Industriality is londed to the senset paid for on the report.

Page 13 of 14

envirotech Inc.

Printed: 5/19/2025 10:13:55AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/19/25	07:30		Work Order ID:	E505196
Phone:	(575) 748-0176	Date Logged In:	05/16/25	16:02		Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	05/23/25	17:00 (4 day TAT)			
	Custody (COC)						
	ne sample ID match the COC?	. 1 . 1 . 00.0	Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier:	Courier_		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
12. Was the	e sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples at 15 minutes of sampling						
13. See C	OC for individual sample temps. Samples outside of	f 0°C-6°C will be	recorded	in comments.			
Sample C							
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
	field sample labels filled out with the minimum info	ormation:	**				
	ample ID? ate/Time Collected?		Yes				
	ollectors name?		Yes				
	reservation		Yes				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved m	etals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be anal		NA				
		yzed:	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	•	No				
29. Was a	subcontract laboratory specified by the client and i	t so who?	NA	Subcontract La	b: NA		
Client In	<u>istruction</u>						
							Y-0.0

Date

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

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505194

Job Number: 01058-0007

Received: 5/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/23/25

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

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

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

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

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

Date Reported: 5/23/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505194

Date Received: 5/19/2025 7:30:17AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/19/2025 7:30:17AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

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Client Representative

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mgonzales@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/23/25 07:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH16 2'	E505194-01A	Soil	05/09/25	05/19/25	Glass Jar, 2 oz.
BH16 3'	E505194-02A	Soil	05/09/25	05/19/25	Glass Jar, 2 oz.
BH16 4'	E505194-03A	Soil	05/09/25	05/19/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 7:33:34AM

BH16 2' E505194-01

		E303174-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2521004
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2521004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2521026
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/25	05/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/25	05/19/25	
Surrogate: n-Nonane		100 %	61-141	05/19/25	05/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2521011
Chloride	286	20.0	1	05/19/25	05/20/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 7:33:34AM

BH16 3'

		E505194-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2521004
Benzene	ND	0.0250	1	05/19/25	05/19/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/19/25	
Toluene	ND	0.0250	1	05/19/25	05/19/25	
o-Xylene	ND	0.0250	1	05/19/25	05/19/25	
o,m-Xylene	ND	0.0500	1	05/19/25	05/19/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/19/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/19/25	05/19/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2521004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	05/19/25	05/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2521026
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/25	05/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/25	05/19/25	
Surrogate: n-Nonane		106 %	61-141	05/19/25	05/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2521011
Chloride	1520	20.0	1	05/19/25	05/20/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 7:33:34AM

BH16 4' E505194-03

		200019 . 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2521004
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2521004
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2521026
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/25	05/20/25	
Surrogate: n-Nonane		106 %	61-141	05/19/25	05/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2521011
Chloride	1870	20.0	1	05/19/25	05/20/25	



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/23/2025 7:33:34AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2521004-BLK1) Prepared: 05/19/25 Analyzed: 05/19/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.87 8.00 98.3 70-130 LCS (2521004-BS1) Prepared: 05/19/25 Analyzed: 05/19/25 4.05 5.00 81.0 70-130 Benzene 0.0250 Ethylbenzene 4.13 0.0250 5.00 82.5 70-130 4.09 0.0250 5.00 81.8 70-130 Toluene 82.3 o-Xylene 4.11 0.0250 5.00 70-130 8.39 10.0 83.9 70-130 0.0500 p.m-Xvlene 83.3 70-130 12.5 15.0 Total Xylenes 0.0250 8.00 97.1 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.76 Matrix Spike (2521004-MS1) Source: E505194-02 Prepared: 05/19/25 Analyzed: 05/20/25 4.29 0.0250 5.00 ND 85.7 70-130 Benzene ND 87.1 70-130 Ethylbenzene 4.36 0.0250 5.00 Toluene 4.33 0.0250 5.00 ND 86.6 70-130 4.33 ND 86.7 70-130 5.00 0.0250 o-Xylene p,m-Xylene 8.85 0.0500 10.0 ND 88.5 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.87 8.00 Matrix Spike Dup (2521004-MSD1) Source: E505194-02 Prepared: 05/19/25 Analyzed: 05/20/25 4.41 0.0250 5.00 ND 88.2 70-130 2.93 27 70-130 3.79 4.52 0.0250 5.00 ND 90.5 26 Ethylbenzene Toluene 4 47 0.0250 5.00 ND 89.5 70-130 3 26 20 4.51 5.00 ND 90.2 70-130 3.95 25 o-Xylene 0.0250 23 9.19 10.0 ND 91.9 70-130 3.78 p,m-Xylene 0.0500



13.7

7.86

0.0250

15.0

8.00

ND

91.3

98.3

70-130

70-130

3.84

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 7:33:34AM

Artesia NM, 88210		Project Manage	r: Ar	nna Byers					5/23/2025 7:33:34AN
	Nor	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2521004-BLK1)							Prepared: 0	5/19/25	Analyzed: 05/19/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.20		8.00		102	70-130			
LCS (2521004-BS2)							Prepared: 0	5/19/25	Analyzed: 05/20/25
Gasoline Range Organics (C6-C10)	53.5	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.52		8.00		107	70-130			
Matrix Spike (2521004-MS2)				Source:	E505194-	02	Prepared: 0	5/19/25	Analyzed: 05/20/25
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.67		8.00		108	70-130			
Matrix Spike Dup (2521004-MSD2)				Source:	E505194-	02	Prepared: 0	5/19/25	Analyzed: 05/20/25
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130	4.44	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.45		8.00		106	70-130			

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	5/22/2025 7:22:24AM
Artesia NM, 88210	Project Manager:	Anna Byers	5/23/2025 7:33:34AM

Artesia NM, 88210		Project Manage	r: Aı	nna Byers				:	5/23/2025 7:33:34AN
	Nonha	logenated Or	ganics by	EPA 80151	D - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2521026-BLK1)							Prepared: 0	5/19/25 Ar	nalyzed: 05/19/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.8		50.0		104	61-141			
LCS (2521026-BS1)							Prepared: 0	5/19/25 Ar	nalyzed: 05/19/25
Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144			
Surrogate: n-Nonane	47.8		50.0		95.6	61-141			
Matrix Spike (2521026-MS1)				Source:	E505185-	02	Prepared: 0	5/19/25 Ar	nalyzed: 05/19/25
Diesel Range Organics (C10-C28)	809	25.0	250	582	91.0	56-156			
Surrogate: n-Nonane	52.8		50.0		106	61-141			
Matrix Spike Dup (2521026-MSD1)				Source:	E505185-	02	Prepared: 0	5/19/25 Ar	nalyzed: 05/19/25
Diesel Range Organics (C10-C28)	903	25.0	250	582	129	56-156	11.0	20	
Surrogate: n-Nonane	55.2		50.0		110	61-141			



Devon Energy - Carlsbad		Project Name:		OMCAT 21 F 1058-0007	EDERAL #	#001			Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		nna Byers					5/23/2025 7:33:34AM
		Anions	by EPA 3	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2521011-BLK1)							Prepared: 0:	5/19/25 A	nalyzed: 05/19/25
Chloride	ND	20.0							
LCS (2521011-BS1)							Prepared: 0:	5/19/25 A	nalyzed: 05/19/25
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2521011-MS1)				Source:	E505182-	04	Prepared: 0:	5/19/25 A	nalyzed: 05/19/25
Chloride	1390	20.0	250	1120	106	80-120			
Matrix Spike Dup (2521011-MSD1)				Source:	E505182-	04	Prepared: 0:	5/19/25 A	nalyzed: 05/19/25
Chloride	1370	20.0	250	1120	101	80-120	0.860	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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/23/25 07:33

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.



Chain of Custody

An	alytical.	nt Inform	nation I low		nvoice information			Lab Use Only						TAT			State				
	evan Energy	Production	он Спитр	any, LP	Company: Deyo	n Energy Production	LCO.	la.	b WO	in .		Job	Num	ber		10	20	3D St		00 11	TX
Project:	IOMCAT 21	FEDERAL	#001	-	Address: 5315 B			I E	60	505194 loi058007			16				X				
	Aanager: An		-			Carisbad, NM, 8822)	_	_				No.						1		414
	13000 W Co				Phone: 575-885			_	-	-		Ani	rlysis	and	Met	thed				PA Progra	HCRA
	e. Zip Odes		765		Email: jim.raley														SOWA	CWA	HURA
	32-305-6419 MTXGeoGro		B. Daniel W. Harris			WO: 1007085301; F	14: 1936	141	1	ь.						1			Complian	ce T	or r
Emiant N	W.I. AGEOGRO	upgreter	SHELLIN FOR		IN: nRM201614	6439		_	8 8		1 1 4	14				P		FWSID II	-	at I .	
*				Sample Inf	ormation				- 3	10	1	8	1	1	4		1	8	-		
Dine -	Date Descript	Shini	2000		Sampai ID		Depth	Lab Numbe	Dettytises	vel Ostri/tako	STES by	VICE by Killin	Change	TOTAL INFO	MANAGE AND		Ĭ,	1	Sample Tema	Rank	nārkā
8:50	3/4/2025	-31	1		8816		3,	1									x		3.1		
8:54	3/1/2005	3	1		BH16		\$	2								ii.	х		32		
8:58	1/0/1005	5	1		BH16		9,	3									x		2.4		
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									+	t	t	H									
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			-						+	+	+	H	-	-			-	+			
-			-				-		+	+	+	-	H	Н	-	-	-	+			_
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				-			1						L								
Addition	al Instructio	ns:																			
the second second			AUTOMOTION	Allen secole - Long	mary that Competing will	or frameworks relatively	du junio	riceron	delec	tine.	e/ com	u(be)	-	-	lad.	and ma	e the p	process for	Section 1		
	C+				-16-	Ball to the sail			_	Taur		_	_		_	_	_	-	Frank C		
	lay of V		n	5.15.25	1700	Vylichelle	Go	nya.	leg	1	51	52	5		E	00		þ	Samples r eservation		
Managaran	helle C	ni Fannis	rles	5.17.25	0230	Cartle	1/4	av	2	Ort C	5.19	1.2	5	7	30)			ce the day t entired paid		
Rélinguiste	d by: disphasor	el p		thing	Time	Percent by (Signal)	ire)			Det				-					above II bu subse	g less than squant day	
neimmili	of by: Oversite	el		Date	Time	Received by (Figure)	(F)		Date					Tirse				Use Only			
Pelinpilahe	of by Elgentus	e)		Date	Time	Received by (Signal)	at 60			Dat				7ms			T			VIN N	NO.
Sample Mats	N/5-500,50-5	100.5g-50a	ign, A - Amin	eur, D -Crmir		1	Contai	ner Typ	E 第15	lacs.	p - po	W/p	estic, a	9E - 9	mine	giosi	. V-	VOA			

hine. Samples are discarded 14 days after results are reported usings other arrangements are mide. Hazardous samples will be returned to closely or disposed of at the client excerns. The report for the archive of the allower tamples in applicable only in those samples received by the latent corp with this COC. The missing of the latentality is limited to the amount paid for or the capter.

Page 13 of 14

envirotech Inc.

Printed: 5/19/2025 10:11:50AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/19/25 0	07:30		Work Order ID:	E505194
Phone:	(575) 748-0176	Date Logged In:	05/16/25 1	5:57		Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	05/23/25 1	17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: 0	Courier Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
12. Was th	e sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples at 15 minutes of sampling						
13. See C	OC for individual sample temps. Samples outside of	f 0°C-6°C will be	recorded i	n comments.			
Sample C							
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
	field sample labels filled out with the minimum info	ormation:	**				
	ample ID? ate/Time Collected?		Yes				
	ollectors name?		Yes Yes				
	reservation		108				
-	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved m	etals?	No				
Multinha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	ise?	No				
	, does the COC specify which phase(s) is to be anal		NA				
		, 200.	11/1				
	act Laboratory	9	3.7				
	amples required to get sent to a subcontract laborate	•	No				
29. was a	subcontract laboratory specified by the client and i	i so wno?	NA	Subcontract La	b: NA		
Client Ir	<u>istruction</u>						
							2000

Date

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

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E506249

Job Number: 01058-0007

Received: 6/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/2/25

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

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

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

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

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

Date Reported: 7/2/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E506249

Date Received: 6/27/2025 7:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/27/2025 7:00:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

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Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutode
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/02/25 11:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH17 2'	E506249-01A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH17 3'	E506249-02A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH17 4'	E506249-03A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH18 2'	E506249-04A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH18 3'	E506249-05A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH18 4'	E506249-06A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH19 2'	E506249-07A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH19 3'	E506249-08A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH19 4'	E506249-09A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH20 2'	E506249-10A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH20 3'	E506249-11A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH20 4'	E506249-12A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH17 2' E506249-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526142
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526142
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2527033
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		108 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2527015
Chloride	70.3	20.0	1	06/30/25	06/30/25	

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH17 3'

		E506249-02							
Reporting									
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes			
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2526142			
Benzene	ND	0.0250	1	06/27/25	06/28/25				
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25				
Toluene	ND	0.0250	1	06/27/25	06/28/25				
p-Xylene	ND	0.0250	1	06/27/25	06/28/25				
o,m-Xylene	ND	0.0500	1	06/27/25	06/28/25				
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25				
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	06/27/25	06/28/25				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2526142			
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25				
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.8 %	70-130	06/27/25	06/28/25				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2527033			
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25				
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25				
Surrogate: n-Nonane		105 %	61-141	06/30/25	07/01/25				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2527015			
Chloride	93.7	20.0	1	06/30/25	06/30/25				



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH17 4'

		E506249-03				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526142
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526142
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.7 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2527033
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		99.4 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2527015
Chloride	188	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH18 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526142
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2526142
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.2 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2527033
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		101 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2527015
Chloride	ND	20.0		06/30/25	06/30/25	



Anions by EPA 300.0/9056A

Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH18 3'

E506249-05							
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes		
mg/kg	mg/kg	Anal	yst: BA		Batch: 2526142		
ND	0.0250	1	06/27/25	06/28/25			
ND	0.0250	1	06/27/25	06/28/25			
ND	0.0250	1	06/27/25	06/28/25			
ND	0.0250	1	06/27/25	06/28/25			
ND	0.0500	1	06/27/25	06/28/25			
ND	0.0250	1	06/27/25	06/28/25			
	94.8 %	70-130	06/27/25	06/28/25			
mg/kg	mg/kg	Anal	yst: BA		Batch: 2526142		
ND	20.0	1	06/27/25	06/28/25			
	84.7 %	70-130	06/27/25	06/28/25			
mg/kg	mg/kg	Anal	yst: NV		Batch: 2527033		
ND	25.0	1	06/30/25	07/01/25			
ND	50.0	1	06/30/25	07/01/25			
	104 %	61-141	06/30/25	07/01/25			
	mg/kg ND Mg/kg ND	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 94.8 % mg/kg MD 20.0 84.7 % mg/kg MD 25.0 ND 50.0	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 94.8 % 70-130 mg/kg mg/kg Anal ND 20.0 1 84.7 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 06/27/25 ND 0.0250 1 06/27/25 ND 0.0250 1 06/27/25 ND 0.0500 1 06/27/25 ND 0.0250 1 06/27/25 ND 0.0250 1 06/27/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/27/25 mg/kg Mg/27/25 06/27/25 mg/kg Analyst: BA ND ND 20.0 1 06/27/25 mg/kg Analyst: NV ND 25.0 1 06/30/25 ND 50.0 1 06/30/25 06/30/25	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/27/25 06/28/25 ND 0.0250 1 06/27/25 06/28/25 ND 0.0250 1 06/27/25 06/28/25 ND 0.0500 1 06/27/25 06/28/25 ND 0.0250 1 06/27/25 06/28/25 ND 0.0250 1 06/27/25 06/28/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/27/25 06/28/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/27/25 06/28/25 mg/kg mg/kg Analyst: NV ND 25.0 1 06/30/25 07/01/25 ND 50.0 1 06/30/25 07/01/25		

mg/kg

20.0

mg/kg

ND

Analyst: IY

06/30/25

06/30/25



Batch: 2527015

Sample Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH18 4'

E506249-06							
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2526142	
Benzene	ND	0.0250	1	06/27/25	06/28/25		
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25		
Toluene	ND	0.0250	1	06/27/25	06/28/25		
o-Xylene	ND	0.0250	1	06/27/25	06/28/25		
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25		
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25		
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	06/27/25	06/28/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2526142	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.3 %	70-130	06/27/25	06/28/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2527033	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25		
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25		
Surrogate: n-Nonane		101 %	61-141	06/30/25	07/01/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2527015	
Chloride	ND	20.0	1	06/30/25	06/30/25		



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH19 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2526142
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2526142
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.4 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2527033
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		100 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2527015



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH19 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2526142
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2526142
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.6 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2527033
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		105 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2527015
	ND	20.0		06/30/25	06/30/25	·



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH19 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526142
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526142
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.7 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2527033
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		109 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2527015
Chloride	ND	20.0	1	06/30/25	06/30/25	·



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH20 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526142
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526142
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2527033
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		102 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2527015
		·		·	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH20 3'

E506	249)- I I

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526142
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526142
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.4 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2527033
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		107 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2527015
·	133	20.0		06/30/25	07/01/25	·



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

BH20 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526142
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526142
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.1 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2527033
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		106 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2527015



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 7/2/2025 11:48:36AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2526142-BLK1) Prepared: 06/27/25 Analyzed: 06/27/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.46 8.00 93.2 70-130 LCS (2526142-BS1) Prepared: 06/27/25 Analyzed: 06/27/25 5.29 5.00 106 70-130 Benzene 0.0250 Ethylbenzene 5.20 0.0250 5.00 104 70-130 5.25 0.0250 5.00 105 70-130 Toluene 5.23 o-Xylene 0.0250 5.00 105 70-130 10.4 10.0 104 70-130 0.0500 p.m-Xvlene 104 70-130 15.7 15.0 Total Xylenes 0.0250 8.00 94.8 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.59 Matrix Spike (2526142-MS1) Source: E506249-03 Prepared: 06/27/25 Analyzed: 06/28/25 4.98 0.0250 5.00 ND 99.6 70-130 Benzene ND 97.6 70-130 Ethylbenzene 4.88 0.0250 5.00 Toluene 4.94 0.0250 5.00 ND 98.8 70-130 4.90 ND 98.0 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.80 0.0500 10.0 ND 98.0 70-130 0.0250 15.0 ND 70-130 Total Xylenes 7.72 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.00 Matrix Spike Dup (2526142-MSD1) Source: E506249-03 Prepared: 06/27/25 Analyzed: 06/28/25

5.01

4.94

4 99

4.96

9.92

14.9

7.62

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

98.8

99 7

99.2

99.2

99.2

95.2

70-130

70-130

70-130

70-130

70-130

70-130

70-130

0.665

1.14

0.911

1.25

1.29

1.27

27

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

Artesia NM, 88210		Project Manage		na Byers				7/	/2/2025 11:48:36AM
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2526142-BLK1)							Prepared: 0	6/27/25 Ana	lyzed: 06/27/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.62		8.00		82.7	70-130			
LCS (2526142-BS2)							Prepared: 0	6/27/25 Ana	lyzed: 07/02/25
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.00		8.00		87.5	70-130			
Matrix Spike (2526142-MS2)				Source:	E506249-	03	Prepared: 0	6/27/25 Ana	lyzed: 07/02/25
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.8	70-130			
Matrix Spike Dup (2526142-MSD2)				Source:	E506249-	03	Prepared: 0	6/27/25 Ana	lyzed: 06/28/25
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0	ND	96.2	70-130	10.6	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TOMCAT 21 FEDERAL #001 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:48:36AM

Artesia NM, 88210		Project Manage	r: Ar	nna Byers					7/2/2025 11:48:36AM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2527033-BLK1)							Prepared: 0	6/30/25 A	nalyzed: 07/01/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.2		50.0		100	61-141			
LCS (2527033-BS1)							Prepared: 0	6/30/25 A	nalyzed: 07/01/25
Diesel Range Organics (C10-C28)	274	25.0	250		110	66-144			
Surrogate: n-Nonane	50.5		50.0		101	61-141			
Matrix Spike (2527033-MS1)				Source:	E506249-	02	Prepared: 0	6/30/25 A	nalyzed: 07/01/25
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	56-156			
Surrogate: n-Nonane	52.3		50.0		105	61-141			
Matrix Spike Dup (2527033-MSD1)				Source:	E506249-	02	Prepared: 0	6/30/25 A	nalyzed: 07/01/25
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	56-156	0.422	20	
Surrogate: n-Nonane	51.9		50.0		104	61-141			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		OMCAT 21 F1 1058-0007	EDERAL #	#001			Reported:
Artesia NM, 88210		Project Manager:		nna Byers					7/2/2025 11:48:36AM
		Anions	by EPA	300.0/9056 <i>A</i>	A				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2527015-BLK1)							Prepared: 0	6/30/25	Analyzed: 06/30/25
Chloride	ND	20.0							
LCS (2527015-BS1)							Prepared: 0	6/30/25	Analyzed: 06/30/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2527015-MS1)				Source:	E506249-0	05	Prepared: 0	6/30/25	Analyzed: 06/30/25
Chloride	258	20.0	250	ND	103	80-120			
Matrix Spike Dup (2527015-MSD1)				Source:	E506249-0	05	Prepared: 0	6/30/25	Analyzed: 06/30/25
Chloride	258	20.0	250	ND	103	80-120	0.0194	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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/02/25 11:48

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Imaging: 9/5/2025 2:58:07 PM

		aborate		-								_								
		nt Inform				oice Information				Li		e On	•				TAT			State
Client: D	evon Energy TOMCAT 21 F	Production EDERAL	on Compa #001	iny, LP	Address: 5315 Bu	Energy Production iena Vista Dr.	Co.	La	BWO	#	a d	Job I	Vumb	er	1	10 20	30	Std	NM	CO UT TX
	Aanager: Ann		7.00		Name and Address of the Owner, when the Owner, which the Ow	arlsbad, NM, 8822	0			~7	-	OF-O-	00	N.			-	1 "	1	
	13000 W Co			Acres.	Phone: 575-885-	7502						Ana	lysis a	and I	Meth	od			EP.	A Program
	e, Zip_Odess		65		Email: jim.raley@												Т	11.5	SDWA	CWA RCRA
	32-305-6415 MTXGeoGrou		any com			O: 1007085301;.	PN: 1930	14;	100			0.+	2	1	23	0		103	Cantallana	Y or I N
Jiligii, ivi	VITAGEOGIO	pereco	ienv.com	242	IN: nRM2016146	439		-	8015	108	-				£ 1			10	PWSID #	Y or N
				Sample In	formation				30 60	80 5	y 8021	8280	± 300 €	tion ix	Net	#	8	B	Contract of the Contract of th	0.000
Time Eampled	Date Sampled	Matris.	Sessions		Sample ID		Depth	Lab Numbe	PRO/ORO	GRO/DRO 5v 8015	BTEK by	VIDC by 8260	Chloride	100.00	NCRA 8 Metals	Store	90000		Sample Temp	Remarks
12:30	6/24/2025	5	1		BH17		2'	1								×			2.8	
12:35	6/24/2025	5	1		BH17		3'	2								×			2.6	
12:40	6/24/2025	5	1		BH17		4.	3								×			3.0	
12:55	6/24/2025	S	1		BH18		2"	11								×			3.1	
13:00	6/24/2025	5	1		BH18		3'	5					T			×			2.4	
13:05	6/24/2025	s	1		BH18		4'	(0					П			×			2.1	
13:25	6/24/2025	5	1		BH19		Z ⁱ	1					1			×			2.3	
13:30	6/24/2025	5	1		BH19		3'	0	1	1					1	×		Ħ	2.4	
13:35	6/24/2025	5	1		ВН19	1	4"	9					1	7	Ť	×			2.6	
13:45	6/24/2025	5	1		BH20		2'	10							1	×			2.2	
Addition	al Instruction	ns:																1 1	x. a.	
	oler), attest to the Constiguer inmi		authenticity	of this sample. I am a	were that tampering with or					me of co	ollectio	in is cor	rsiderec	frauc	f and m	ay be go	nunds f	tir legal a	ction.	
teginquishe 473	by Senatur	DIN	110	11428/20	24 1030	Received by Stephin	en Go	nza	eg	Date	15	15	3	lime	030	0			Taring and a second	uiring thermal ust be received on
Rélinquigh	ed by (Signature	Gonz	ales	6-25 25	5 500	Recupied by: (Signati	Ston	rzele	ea	Date	15	25		ime (00	2				y are sampled or d on ice at a temp
	ed by: (Signature		ā.	Date	Time 1	Received by: (Signatu	re)			Date	-		7	lime	1.	-2	1	11 / 1		ess than 6°C on
	rena D		lea	little of	1690	12. M.		-		6	11	0.	5		16	20				uent days.
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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

Note: Samples are discarded 14 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 Bability of the laboratory is limited to the amount paid for on the report.

envirotech Inc.

Printed: 6/27/2025 12:37:12PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	06/27/25	07:00		Work Order ID:	E506249
Phone:	(575) 748-0176	Date Logged In:	06/26/25	13:57		Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	07/02/25	17:00 (3 day TAT	Γ)		
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier	: Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes			<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
12. Was th	e sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples at 15 minutes of sampling						
	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded i	in comments.			
Sample C							
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum inf	ormation:	3 7				
	ample ID? ate/Time Collected?		Yes				
	ollectors name?		Yes Yes				
	reservation		103				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved m	etals?	No				
Multinha	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	ise?	No				
	, does the COC specify which phase(s) is to be anal		NA				
		<i>,</i> 200.	INA				
	act Laboratory		3.7				
	amples required to get sent to a subcontract laborate	•	No	~ · · · · ·			
29. was a	subcontract laboratory specified by the client and	i so wno?	NA	Subcontract L	ab: NA		
Client Ir	<u>nstruction</u>						

Date

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

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E505138

Job Number: 01058-0007

Received: 5/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/19/25

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

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

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

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

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

Date Reported: 5/19/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E505138

Date Received: 5/13/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/13/2025 8:00:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Project Name:	TOMCAT 21 FEDERAL #001	Reported:
Project Number:	01058-0007	Reporteu:
Project Manager:	Anna Byers	05/19/25 14:05
	Project Number:	Project Number: 01058-0007

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH21 0.5'	E505138-01A Soil	05/08/25	05/13/25	Glass Jar, 2 oz.
BH21 1'	E505138-02A Soil	05/08/25	05/13/25	Glass Jar, 2 oz.
BH21 2'	E505138-03A Soil	05/08/25	05/13/25	Glass Jar, 2 oz.
BH21 3'	E505138-04A Soil	05/08/25	05/13/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/19/2025 2:05:22PM

BH21 0.5' E505138-01

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2520038
Benzene	ND	0.0250		1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250		1	05/13/25	05/15/25	
Toluene	ND	0.0250		1	05/13/25	05/15/25	
o-Xylene	ND	0.0250		1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500		1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250		1	05/13/25	05/15/25	
Surrogate: Bromofluorobenzene		93.6 %	70-130		05/13/25	05/15/25	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/13/25	05/15/25	
Surrogate: Toluene-d8		105 %	70-130		05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2520038
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/13/25	05/15/25	
Surrogate: Bromofluorobenzene		93.6 %	70-130		05/13/25	05/15/25	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/13/25	05/15/25	
Surrogate: Toluene-d8		105 %	70-130		05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: HM		Batch: 2520033
Diesel Range Organics (C10-C28)	ND	25.0		1	05/13/25	05/16/25	
Oil Range Organics (C28-C36)	ND	50.0		1	05/13/25	05/16/25	
Surrogate: n-Nonane		97.9 %	61-141		05/13/25	05/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2520086
Chloride	ND	20.0		1	05/14/25	05/15/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/19/2025 2:05:22PM

BH21 1' E505138-02

	_	Reporting	_			
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2520038
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: Bromofluorobenzene		92.3 %	70-130	05/13/25	05/15/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/13/25	05/15/25	
Surrogate: Toluene-d8		99.6 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2520038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: Bromofluorobenzene		92.3 %	70-130	05/13/25	05/15/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/13/25	05/15/25	
Surrogate: Toluene-d8		99.6 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: HM		Batch: 2520033
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		113 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2520086

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	5/19/2025 2:05:22PM

BH21 2' E505138-03

		1202120-02				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Analyte	Kesun	Lillit	Dilui	ion ricpared	Anaryzed	INUIES
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2520038
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: Bromofluorobenzene		91.7 %	70-130	05/13/25	05/15/25	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	05/13/25	05/15/25	
Surrogate: Toluene-d8		99.4 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2520038
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: Bromofluorobenzene		91.7 %	70-130	05/13/25	05/15/25	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	05/13/25	05/15/25	
Surrogate: Toluene-d8		99.4 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: HM		Batch: 2520033
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		117 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2520086
Chloride	270	20.0	1	05/14/25	05/15/25	



Devon Energy - CarlsbadProject Name:TOMCAT 21 FEDERAL #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Anna Byers5/19/20252:05:22PM

BH21 3' E505138-04

		E303130-04					
Analyte	Result	Reporting Limit	Dilut	tion	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilui	tion	rrepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RK	KS		Batch: 2520038
Benzene	ND	0.0250	1		05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1		05/13/25	05/15/25	
Toluene	ND	0.0250	1		05/13/25	05/15/25	
o-Xylene	ND	0.0250	1		05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1		05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1		05/13/25	05/15/25	
Surrogate: Bromofluorobenzene		91.8 %	70-130		05/13/25	05/15/25	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		05/13/25	05/15/25	
Surrogate: Toluene-d8		99.2 %	70-130		05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RK	ζS		Batch: 2520038
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/13/25	05/15/25	
Surrogate: Bromofluorobenzene		91.8 %	70-130		05/13/25	05/15/25	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130		05/13/25	05/15/25	
Surrogate: Toluene-d8		99.2 %	70-130		05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: HN	М		Batch: 2520033
Diesel Range Organics (C10-C28)	ND	25.0	1		05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1		05/13/25	05/15/25	
Surrogate: n-Nonane		122 %	61-141		05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RA	AS		Batch: 2520086
Chloride	303	20.0	1		05/14/25	05/15/25	



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 5/19/2025 2:05:22PM Volatile Organic Compounds by EPA 8260B Analyst: RKS Source Reporting Spike Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2520038-BLK1) Prepared: 05/13/25 Analyzed: 05/14/25 ND 0.0250 Ethylbenzene ND 0.0250 Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.452 0.500 90.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.515 0.500 103 70-130 0.500 97.5 70-130 Surrogate: Toluene-d8 0.488 LCS (2520038-BS1) Prepared: 05/13/25 Analyzed: 05/14/25 2.42 0.0250 2.50 96.9 70-130 Benzene 2.46 2.50 98.3 70-130 0.0250 Ethylbenzene 2.33 0.0250 2.50 93.0 70-130 2.38 2.50 95.3 70-130 o-Xylene 0.0250 95.3 4.77 5.00 70-130 p,m-Xylene 0.0500 7.15 0.0250 7.50 95.3 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.487 0.500 97.4 70-130 0.500 103 70-130 Surrogate: 1,2-Dichloroethane-d4 0.513 Surrogate: Toluene-d8 0.500 70-130 0.478 Matrix Spike (2520038-MS1) Source: E505139-01 Prepared: 05/13/25 Analyzed: 05/15/25 ND 48-131 2.36 0.0250 2.50 94.2

Surrogate: Toluene-d8	0.496		0.500		99.1	70-130		
Matrix Spike Dup (2520038-MSD1)				Source:	E505139-	01	Prepared: 05	5/13/25 Analyzed: 05/15/25
Benzene	2.31	0.0250	2.50	ND	92.3	48-131	2.08	23
Ethylbenzene	2.53	0.0250	2.50	ND	101	45-135	2.93	27
Toluene	2.41	0.0250	2.50	ND	96.4	48-130	2.71	24
o-Xylene	2.41	0.0250	2.50	ND	96.3	43-135	0.538	27
p,m-Xylene	4.75	0.0500	5.00	ND	95.0	43-135	2.38	27
Total Xylenes	7.16	0.0250	7.50	ND	95.4	43-135	1.77	27
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130		

0.500

2.50

2.50

2.50

5.00

7.50

0.500

0.500

2.46

2.34

2.42

4.87

7.29

0.488

0.497

0.515

0.0250

0.0250

0.0250

0.0500

0.0250

ND

ND

ND

ND

ND

98.2

93.8

96.8

97.3

97.1

97.6

99.4

103

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Devon Energy - CarlsbadProject Name:TOMCAT 21 FEDERAL #001Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Anna Byers5/19/20252:05:22PM

6488 7 Rivers Hwy		Project Number:	01	1058-0007								
Artesia NM, 88210		Project Manager:	A	nna Byers					5/19/2025 2:05:22PN			
	Non	halogenated O	rganics	by EPA 80	15D - GI	RO			Analyst: RKS			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2520038-BLK1)							Prepared: 05/13/25 Analyzed: 05/14/25					
Gasoline Range Organics (C6-C10)	ND	20.0										
Surrogate: Bromofluorobenzene	0.452		0.500		90.4	70-130						
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130						
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130						
LCS (2520038-BS2)							Prepared: 0	5/13/25 A	nalyzed: 05/14/25			
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.3	70-130						
Gurrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130						
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130						
Surrogate: Toluene-d8	0.490		0.500		97.9	70-130						
Matrix Spike (2520038-MS2)	Se				Source: E505139-01			Prepared: 05/13/25 Analyzed: 05/15/25				
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130						
Gurrogate: Bromofluorobenzene	0.470		0.500		94.0	70-130						
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130						
Surrogate: Toluene-d8	0.505		0.500		101	70-130						
Matrix Spike Dup (2520038-MSD2)				Source:	E505139-	01	Prepared: 0	5/13/25 A	nalyzed: 05/15/25			
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130	4.31	20				
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130						

0.500

0.500

98.1

103

70-130

70-130

0.491

0.514



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Anna Byers	5/19/2025 2:05:22PM

Artesia NM, 88210		Project Manager	r: An	ina Byers					5/19/2025 2:05:22PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2520033-BLK1)							Prepared: 0	5/13/25 An	nalyzed: 05/15/25
Diesel Range Organics (C10-C28)	ND	25.0							
oil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	56.4		50.0		113	61-141			
LCS (2520033-BS1)							Prepared: 0	5/13/25 An	nalyzed: 05/15/25
Diesel Range Organics (C10-C28)	300	25.0	250		120	66-144			
urrogate: n-Nonane	56.6		50.0		113	61-141			
Matrix Spike (2520033-MS1)				Source:	E505135-0	01	Prepared: 0	5/13/25 An	nalyzed: 05/15/25
Diesel Range Organics (C10-C28)	309	25.0	250	ND	124	56-156			
urrogate: n-Nonane	57.5		50.0		115	61-141			
Matrix Spike Dup (2520033-MSD1)				Source:	E505135-0	01	Prepared: 0	5/13/25 An	nalyzed: 05/15/25
Diesel Range Organics (C10-C28)	315	25.0	250	ND	126	56-156	1.79	20	
urrogate: n-Nonane	48.5		50.0		97.1	61-141			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		OMCAT 21 F	EDERAL #	#001			Reported:
Artesia NM, 88210		Project Number: Project Manager:		nna Byers					5/19/2025 2:05:22PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2520086-BLK1)							Prepared: 0	5/14/25	Analyzed: 05/15/25
Chloride	ND	20.0							
LCS (2520086-BS1)							Prepared: 0	5/14/25	Analyzed: 05/15/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2520086-MS1)				Source:	E505134-0	05	Prepared: 0	5/14/25	Analyzed: 05/15/25
Chloride	295	20.0	250	41.9	101	80-120			
Matrix Spike Dup (2520086-MSD1)				Source:	E505134-0	05	Prepared: 0	5/14/25	Analyzed: 05/15/25
Chloride	289	20.0	250	41.9	98.8	80-120	2.00	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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	05/19/25 14:05

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.



Chain of Custody

to Imaging: 9/5/2025 2:58:07 PM

	alytical																				
		nt Inform	nation		b	recice Information				1	ab U	se Oi	vly				TA	AT.	State		
	evon Energy TOMCAT 21			any, LP	Company: Devi Address: 5315	on Energy Production Sugna Vista Dr.	n Ço.		E505	12	7	dot	Num SS:	ber CCC	57	10	20	30 St		CO UT TX	
	Manager: And					Carlsbad, NM, 8827	20				-	Links	-	-	-	_		-			
	13000 W Co		100		Phone: 575-88							Ani	ulysis	and	Mes	hod			E	PA Program	
City, Sta	te. Zip_Odes:	a,TX, 79	765		Email: jim rales	r⊉dvn.com				Т									SDWA	CWA RCR	
	32-305-6415				Miscellarwous:	WO 10070/5301	PN 1930	04)						111			Ш				
Email: N	MTXGeoGros	ip@etec	himy.com		4N: nRM201614	16439			1	NE	1.					Ш	Ш		PWSID #	te Y or t	
E				Sample In	formation				ald to little	Wollow.	128	1	i	00.404	let l		è	X			
True Almorate	are invest	Warra	10,14		Sample (II)		Dieptly	Num	9 5	10/11	100	1	10	80.0	(COV) (Metro)		1		Sample	Temarks	
11:55	1/1/2025	5	1		BHZI		0.5	1									X		1.60		
12:00	1/0/2025	5	1		BH21		T	2									X		0.9		
12:05	-2/8/2005	'5	1		BH21		3.	3		Г							X		1.1		
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CHA	The state of	Ella	0	TE/12/20	13	Michel	E G	رفح	ales	S. K.	-1	1-2	5	Cine	111	15	A	p		equiring (cerma) must be received a	
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Relinguista	ed by . (Signatur	н		Detil	Trisk	Arcticioned by (Signal	sind		-	Date				T/Man.						(Ved on Ice:	

Stringto Milleric S. Solf, 58 - Solid, 5g - Storige, A. Aguerson, D. Orbet Container Type: g - glass, p - poly/plants: ag - ambie glass, v - VOA

Note: Samples are disparted 14 days after results are reported wires other as argenesis are made. Hazardous samples will be returned to client or disposed of at the client experies. The report for the above tempins is applicable only to throw sample; received by the laboratory with this CSC. The habitity of the biscontry is limited to the amount good by no the export.

envirotech Inc.

Printed: 5/13/2025 9:24:39AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/13/25	08:00		Work Order ID:	E505138
Phone:	(575) 748-0176	Date Logged In:	05/12/25	16:04		Logged In By:	Noe Soto
Email:	anna@etechenv.com	Due Date:	05/19/25	17:00 (4 day	(TAT)		
Chain of	Custody (COC)						
1. Does t	he sample ID match the COC?		Yes				
2. Does t	he number of samples per sampling site location ma	atch the COC	Yes				
3. Were s	samples dropped off by client or carrier?		Yes	Ca	rrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes				
5. Were a	all samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss					Commen	ts/Resolution
Sample 7	<u> Гurn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
12. Was th	ne sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples a	re received within	105				
	15 minutes of sampling						
13. See C	COC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in commer	ıts.		
Sample (<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	a trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containers	s?	Yes				
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes				
Field La	<u>bel</u>						
	field sample labels filled out with the minimum inf	formation:					
	Sample ID?		Yes				
	Date/Time Collected? Collectors name?		Yes				
	Preservation		Yes				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?	oreserved:	NA				
	filtration required and/or requested for dissolved m	netals?	No				
		iciais.	110				
	ase Sample Matrix	0					
	the sample have more than one phase, i.e., multipha		No				
27. If yes	s, does the COC specify which phase(s) is to be anal	iyzea?	NA				
Subcont	ract Laboratory						
	amples required to get sent to a subcontract laborate	-	No				
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA	Subcontra	act Lab: NA		
Client I	<u>nstruction</u>						
L							

Date

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

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E506230

Job Number: 01058-0007

Received: 6/25/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/1/25

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

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

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

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

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

Date Reported: 7/1/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E506230

Date Received: 6/25/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/25/2025 8:00:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

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Client Representative

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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BH25 4'	-	16
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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/01/25 15:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH22 0.5'	E506230-01A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH22 3'	E506230-02A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH22 4'	E506230-03A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH23 0.5'	E506230-04A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH23 3'	E506230-05A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH23 4'	E506230-06A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH24 0.5'	E506230-07A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH24 3'	E506230-08A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH25 0.5'	E506230-09A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH25 3'	E506230-10A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH25 4'	E506230-11A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH26 0.5'	E506230-12A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH26 3'	E506230-13A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH26 4'	E506230-14A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH28 0.5'	E506230-15A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH28 3'	E506230-16A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH28 4'	E506230-17A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH30 0.5'	E506230-18A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH30 3'	E506230-19A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.
BH30 4'	E506230-20A	Soil	06/23/25	06/25/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH22 0.5' E506230-01

		E500230-01				
		Reporting	-			AT .
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Coluene	ND	0.0250	1	06/24/25	06/27/25	
-Xylene	ND	0.0250	1	06/24/25	06/27/25	
,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		84.7 %	70-130	06/24/25	06/27/25	
Sonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526122
riesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/27/25	
Dil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/27/25	
urrogate: n-Nonane		116 %	61-141	06/26/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2527012
Chloride	ND	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH22 3'

E50		

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.3 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/27/25	
Surrogate: n-Nonane		117 %	61-141	06/26/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2527012
Chloride	1530	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH22 4'

E506230-03

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/27/25	
Surrogate: n-Nonane		125 %	61-141	06/26/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2527012
Chloride	2920	40.0	2	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH23 0.5'

		E506230-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
p-Xylene	ND	0.0250	1	06/24/25	06/27/25	
o,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.1 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/27/25	
Surrogate: n-Nonane		129 %	61-141	06/26/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2527012
Chloride	ND	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH23 3'

		E506230-05				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.5 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		124 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2527012
Chloride	121	20.0	1	06/30/25	06/30/25	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH23 4'

E506230-06 Reporting Analyte Limit Dilution Analyzed Notes Result Prepared Analyst: BA Batch: 2526078 mg/kg mg/kg Volatile Organics by EPA 8021B 06/24/25 06/27/25 ND 0.0250 Benzene 1 06/24/25 06/27/25 Ethylbenzene ND 0.0250ND 0.025006/24/25 06/27/25 Toluene 1 06/24/25 06/27/25 o-Xylene ND 0.02501 06/24/25 06/27/25 ND 0.0500 p,m-Xylene 06/24/25 06/27/25 1 Total Xylenes ND 0.025006/27/25 95.3 % 70-130 06/24/25 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: BA Batch: 2526078 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 06/27/25 ND 20.0 1 06/24/25 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 87.7 % 06/24/25 06/27/25 70-130 mg/kg mg/kg Analyst: KH Batch: 2526122 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 06/26/25 06/28/25 Diesel Range Organics (C10-C28) 06/26/25 06/28/25 Oil Range Organics (C28-C36) ND 50.0 1 06/28/25 Surrogate: n-Nonane 130 % 61-141 06/26/25 Analyst: IY Batch: 2527012 Anions by EPA 300.0/9056A mg/kg mg/kg

20.0

1

06/30/25

06/30/25

614



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH24 0.5'

		E506230-07				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.2 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		121 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2527012
Chloride	ND	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH24 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.9 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		131 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2527012



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH25 0.5' E506230-09

	1500250 07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: BA		Batch: 2526078
ND	0.0250	1	06/24/25	06/27/25	
ND	0.0250	1	06/24/25	06/27/25	
ND	0.0250	1	06/24/25	06/27/25	
ND	0.0250	1	06/24/25	06/27/25	
ND	0.0500	1	06/24/25	06/27/25	
ND	0.0250	1	06/24/25	06/27/25	
	97.5 %	70-130	06/24/25	06/27/25	
mg/kg	mg/kg	Analy	vst: BA		Batch: 2526078
ND	20.0	1	06/24/25	06/27/25	
	84.6 %	70-130	06/24/25	06/27/25	
mg/kg	mg/kg	Analy	st: KH		Batch: 2526122
ND	25.0	1	06/26/25	06/28/25	
ND	50.0	1	06/26/25	06/28/25	
	116 %	61-141	06/26/25	06/28/25	
mg/kg	mg/kg	Analy	vst: IY		Batch: 2527012
ND	20.0	1	06/30/25	06/30/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 84.6 % mg/kg ND 25.0 ND 50.0 I16 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 97.5 % 70-130 mg/kg mg/kg Analy ND 20.0 1 84.6 % 70-130 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 116 % 61-141 1 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 06/24/25 ND 0.0250 1 06/24/25 ND 0.0250 1 06/24/25 ND 0.0250 1 06/24/25 ND 0.0500 1 06/24/25 ND 0.0250 1 06/24/25 mg/kg mg/kg Analyst: BA MD 20.0 1 06/24/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/24/25 ND 25.0 1 06/26/25 ND 50.0 1 06/26/25 ND 50.0 1 06/26/25 mg/kg mg/kg Analyst: KH	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/24/25 06/27/25 ND 0.0500 1 06/24/25 06/27/25 ND 0.0250 1 06/24/25 06/27/25 MD 0.0250 1 06/24/25 06/27/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/24/25 06/27/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/24/25 06/27/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/26/25 06/28/25 ND 50.0 1 06/26/25 06/28/25 ND 50.0



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH25 3' E506230-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		135 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2527012
Chloride	3080	40.0	2	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH25 4'

E506230-11						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		122 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2527012
Chloride	4690	40.0	2	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH26 0.5' E506230-12

				00230-12		
Notes	Analyzed	Prepared	Dilution	Reporting Limit	Result	Analyte
Batch: 2526078		: BA	Analyst:	mg/kg	mg/kg	Volatile Organics by EPA 8021B
	06/27/25	06/24/25	1	0.0250	ND	Benzene
	06/27/25	06/24/25	1	0.0250	ND	Ethylbenzene
	06/27/25	06/24/25	1	0.0250	ND	oluene
	06/27/25	06/24/25	1	0.0250	ND	-Xylene
	06/27/25	06/24/25	1	0.0500	ND	,m-Xylene
	06/27/25	06/24/25	1	0.0250	ND	Total Xylenes
	06/27/25	06/24/25	30	9 % 70		urrogate: 4-Bromochlorobenzene-PID
Batch: 2526078		: BA	Analyst:	mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - GRO
	06/27/25	06/24/25	1	20.0	ND	Gasoline Range Organics (C6-C10)
	06/27/25	06/24/25	30	70		urrogate: 1-Chloro-4-fluorobenzene-FID
Batch: 2526122		: KH	Analyst:	mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - DRO/ORO
	06/28/25	06/26/25	1	25.0	ND	Diesel Range Organics (C10-C28)
	06/28/25	06/26/25	1	50.0	ND	Dil Range Organics (C28-C36)
	06/28/25	06/26/25	41	1 % 61		urrogate: n-Nonane
Batch: 2527012		: IY	Analyst:	mg/kg	mg/kg	Anions by EPA 300.0/9056A
	06/30/25	06/30/25	1	20.0	ND	Chloride
	06/28/25	06/26/25 06/26/25 : IY		50.0 1 % 61 mg/kg	ND mg/kg	Dil Range Organics (C28-C36) furrogate: n-Nonane Anions by EPA 300.0/9056A



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH26 3'

E506230-13						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.5 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		118 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2527012
Chloride	378	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH26 4'

E506230-14						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		92.2 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.5 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		122 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2527012
Chloride	1860	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH28 0.5' E506230-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		113 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2527012
Chloride	ND	20.0	1	06/30/25	06/30/25	



Sample Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH28 3'

E506230-16						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		116 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2527012
Chloride	66.6	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH28 4'

E506230-17

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.1 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		122 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2527012



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH30 0.5'

E506230-18						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.1 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		116 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2527012
Chloride	ND	20.0	1	06/30/25	06/30/25	·



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH30 3' E506230-19

		E300230-17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2526078
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
o,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2526078
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.1 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2526122
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25	
Surrogate: n-Nonane		110 %	61-141	06/26/25	06/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2527012
Chloride	839	20.0	1	06/30/25	06/30/25	
· · · · · · · · · · · · · · · · · · ·			1		06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 3:31:01PM

BH30 4'

E506230-20								
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526078		
Benzene	ND	0.0250	1	06/24/25	06/27/25			
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25			
Toluene	ND	0.0250	1	06/24/25	06/27/25			
o-Xylene	ND	0.0250	1	06/24/25	06/27/25			
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25			
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25			
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	06/24/25	06/27/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526078		
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	06/24/25	06/27/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2526122		
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/28/25			
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/28/25			
Surrogate: n-Nonane		118 %	61-141	06/26/25	06/28/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2527012		
Chloride	2790	40.0	2	06/30/25	06/30/25			



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 7/1/2025 3:31:01PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2526078-BLK1) Prepared: 06/24/25 Analyzed: 06/27/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.61 8.00 95.1 70-130 LCS (2526078-BS1) Prepared: 06/24/25 Analyzed: 06/27/25 5.63 113 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.54 0.0250 5.00 111 70-130 5.59 0.0250 5.00 112 70-130 Toluene 5.57 111 o-Xylene 0.0250 5.00 70-130 11.1 10.0 111 70-130 0.0500 p.m-Xvlene 111 70-130 16.7 15.0 Total Xylenes 0.0250 8.00 97.4 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.79 Matrix Spike (2526078-MS1) Source: E506230-03 Prepared: 06/24/25 Analyzed: 06/27/25 4.99 0.0250 5.00 ND 70-130 Benzene ND 98.2 70-130 Ethylbenzene 4.91 0.0250 5.00 Toluene 4.96 0.0250 5.00 ND 99.2 70-130 4.94 ND 98.9 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.87 0.0500 10.0 ND 98.7 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.70 8.00 Matrix Spike Dup (2526078-MSD1) Source: E506230-03 Prepared: 06/24/25 Analyzed: 06/27/25 5.08 0.0250 5.00 ND 102 70-130 1.79 27 ND 70-130 2.19 5.02 0.0250 5.00 100 26 Ethylbenzene Toluene 5.06 0.0250 5.00 ND 101 70-130 2.05 20 5.06 5.00 ND 101 70-130 2.40 25 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

101

101

96.4



2.33

2.35

70-130

70-130

70-130

23

26

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

10.1

15.2

7.71

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007 Anna Byers	7/1/2025 3:31:01PM

Artesia NM, 88210		Project Manage	r: An	na Byers				7	/1/2025 3:31:01PM	
	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	
Blank (2526078-BLK1)							Prepared: 0	6/24/25 Ana	alyzed: 06/27/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.3	70-130				
LCS (2526078-BS2)							Prepared: 0	6/24/25 Ana	lyzed: 06/27/25	
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0		86.6	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.2	70-130				
Matrix Spike (2526078-MS2)				Source:	E506230-0	03	Prepared: 0	6/24/25 Ana	lyzed: 06/27/25	
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.1	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.04		8.00		88.0	70-130				
Matrix Spike Dup (2526078-MSD2)				Source:	E506230-0	03	Prepared: 0	6/24/25 Ana	alyzed: 06/27/25	
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.3	70-130	0.155	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.88		8.00		86.0	70-130				

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TOMCAT 21 FEDERAL #001 01058-0007	Reported:
Artesia NM, 88210	Project Number: Project Manager:	Anna Byers	7/1/2025 3:31:01PM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers					7/1/2025 3:31:01PM
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KH									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2526122-BLK1)							Prepared: 0	6/26/25 A	Analyzed: 06/27/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.2		50.0		116	61-141			
LCS (2526122-BS1)							Prepared: 0	6/26/25 A	Analyzed: 06/27/25
Diesel Range Organics (C10-C28)	336	25.0	250		135	66-144			
urrogate: n-Nonane	62.3		50.0		125	61-141			
Matrix Spike (2526122-MS1)				Source:	E506230-	14	Prepared: 0	6/26/25 A	Analyzed: 06/27/25
Diesel Range Organics (C10-C28)	341	25.0	250	ND	136	56-156			
Surrogate: n-Nonane	63.9		50.0		128	61-141			
Matrix Spike Dup (2526122-MSD1)				Source:	E506230-	14	Prepared: 0	6/26/25 A	Analyzed: 06/27/25
Diesel Range Organics (C10-C28)	342	25.0	250	ND	137	56-156	0.532	20	
Surrogate: n-Nonane	65.1		50.0		130	61-141			



Matrix Spike Dup (2527012-MSD1)

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	C	TOMCAT 21 F 01058-0007 Anna Byers	EDERAL :	#001			Reported: 7/1/2025 3:31:01PM
Artesia Nivi, 66210				300.0/9056A	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2527012-BLK1)							Prepared: 0	6/30/25 A	nalyzed: 06/30/25
Chloride	ND	20.0							
LCS (2527012-BS1)							Prepared: 0	6/30/25 A	nalyzed: 06/30/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2527012-MS1)				Source:	E506230-	07	Prepared: 0	6/30/25 A	nalyzed: 06/30/25
Chloride	253	20.0	250	ND	101	80-120			

250

20.0

Source: E506230-07

101

80-120

0.0424

QC Summary Report Comment:

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



Prepared: 06/30/25 Analyzed: 06/30/25

20

Definitions and Notes

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/01/25 15:31

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.



Imaging: 9/5/2025 2:58:07 PM

envirotech Analytical Loboratory

Client Information Lab Use Only TAT Invoice Information State 0028-002 Client: Devon Energy Production Company, LP Company: Devon Energy Production Co. 10 20 30 Std NM CO UT TX Project: TOMCAT 21 FEDERAL #001 Address: 5315 Buena Vista Dr. Project Manager: Anna Byers City, State, Zip: Carlshad, NM, 88220 Address: 13000 W County Rd 100 Phone: 575-885-7502 Analysis and Method **EPA Program** City, State, Zip_Odessa,TX, 79765 Email: jim, raley@dvn.com RERA SDWA CWA Phone: 432-305-6415 Miscellaneous: WO: 1007085301: PN: 19304; Email: NMTXGeoGroup@etechenv.com 200 Compliance Y OF N IN: nRM2015146439 PWSID # Sample Information Sample Temp Remarks Lub 80.40 Date Samples Micro Sample ID Depth Sampled Delive) Number 1/23/2025 10:03 **BH22** 0.5 X 5 1 6/23/2025 10:06 BH22 31 X 5 1 6/23/2025 10:09 BH22 A. 3 X 5. 1 5/23/2025 10:17 BH23 0.5 4 5 X 1 1/23/2025 10:15 BH23 3 5 2 X 5 1 10:18 6/23/2025 BH23 4 1.6 5 'n X 5/23/2025 10:21 BHZA 0.5 5 х 10:24 6/23/2025 BH24 1 S 8 X 10:27 6/23/2029 BH25 05 a 5 X 1 10:30 5/23/2025 BH25 3, 10 X 1 Additional Instructions: (field simple), asset to the entirity of it inflicing it is the entirity of it inflicing it is income that are may be present for legal action. Samples requiring thermal preservation must be reseived on ice the day they are sampled or 320 received packed on ite at a temp Received by: (Figurature) atrove 0 but less than 6°C on 6.24.25 subsequent days. (whighuphed by: (Sepreture) perfect by (Superture) Lab Use Only 6.24.25 Received on ice: Evaluated by: (Signature) (Y)/N Sample Matrix S - Smi, Sd - Solid, Sg - Sixtex, A - Appendix, O - Ottor Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after creatilt are reported unless other errangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the emisso of the above samples is applicable only to those samples received by the lateratory with this CDC. The liability of the foreratory is limited to the amount paid for each report.

	Clie	nt Inform	nation		In	voice Information				L	ab Us	e Or	ily				TAT			State
Project: T	OMCAT 21	EDERAL		any, LP	Company: Devor Address: 5315 B	n Energy Production uena Vista Dr.	n Eo	E	b Wi			dot	S&	CO.	71	ID]		D Std	NM X	CO UT TX
Address:	lanager: Ann 13000 W. Cri	unty Rd 1			Phone: 575-885		Ø		E						Meth	od			B	A Program
	e, Zip Odess 32-305-6415		65	(6), 47	Email: jim.raleyg	9dvn.com VO: 1007085301; (DN-103	DA.								П			SDWA	CWA RCRA
	ATXGeoGrou		env.com		JN. nRM2016146	Committee of the commit	123	94,	IIa	100	13		4		1	4	ш	Ш	Compliano	N 48 7
	_			Sample inf	formation		_	_	٠,	1 60	120	000	900	5	100	H.	1		PWSID #	
Time. Serviced	(late Sarrated	Marie	25		Sample ID		Depti	Latir. Number	. 3	and and	6153 64	VOC 34		and and	IVO				Sample	hemares
10:43	6/13/03/03	5.	1		BH25		4'	11		T				-		T	x		2.3	
10:42	6/33/3025	5.	1		8H26		0.5	12	T					П	T		x		2.0	
10:45	1/23/2025	5	1		81156		3,	13	T								x		1.60	
10:46	6/2///025	3	10		BM75		141	14	T					П	7	1	x		1.4	
11.06	6/23/2023	Š	10		BH28		0.5	15	t						1		x	1	2.1	
11:09	673/2025	5	ī		8H28		3'	16	1								x	1	2.4	
11:12	1/11/1015	5	1		BH28 i		A!	17	t	T					1		x		1.8	
11:30	6/23/2016	S	1		BH30		0.5	18	t	1					1	+	x		1.7	
11:33	W13/3018	5	1		91130		3'	19	۰	+					+	-	x	+	1.4	
11:36	6/23/1025	5	1		BH30		4'	20	t	+					+	-	x	+	1.0	
Addition	al Instructio	ns:					-	-	-	1	_				-		-	-	1.0	
			-	durant in	arm that bempairs will co		for carryin	Seminy	un ti	(tree) of a	n et a	m)A will	maler	- train	reiu m	NA S	-	tir bed	er.	
	Direction special	W. Jones	0	916/31/1	Time	Michell	rii n		lec.	17M2	307	10		Time	2.4	_	T		Samples in	quering thermal
4 4 4	helle ?	A V	lec	7 34 35	Time Control	Received by Familia	me's	ngn	_	History	24			Time	30	-	-	54	the day m	out be received or ey are sampled or
	d by (Signature		del.	624.72	1370	Maria	_	mga	La	6	24	-6.	_	13	22		-	ju	eived parke	ed on sce at a tem, less than if Con
771		ling	aler	6-24-25	1825	hales Il.				6.	24.	25		1	82	5	-		Julines	paest days
Lilen	H. Signatur			6.24.25	2300	Tell former	mo	in		170	25	7)	5	200			-		ed on Ite:

applicable drive to those samples on survey by the laboratory with this COC. The liability of the laboratory is limited to the amount pixel for on the report

envirotech Inc.

Printed: 6/25/2025 9:27:17AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	06/25/25 08	8:00			Work Order ID:	E506230
Phone:	(575) 748-0176	Date Logged In:	06/24/25 14	4:53			Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	07/01/25 17	7:00 (4 day	TAT)			
Chain of	Cuetody (COC)							
	Custody (COC)		37					
	ne sample ID match the COC? The number of samples per sampling site location ma	tch the COC	Yes					
	amples dropped off by client or carrier?	ich the COC	Yes	a				
	e COC complete, i.e., signatures, dates/times, reque	etad analysas?	Yes Yes	Car	rier: <u>C</u>	<u>Courier</u>		
	Il samples received within holding time?	sted allaryses:	Yes					
J. Wele a	Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	168		_		Comment	s/Resolution
Sample T	<u> urn Around Time (TAT)</u>							
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes					
Sample C	<u>Cooler</u>							
7. Was a s	sample cooler received?		Yes					
8. If yes,	was cooler received in good condition?		Yes					
9. Was th	e sample(s) received intact, i.e., not broken?		Yes					
	custody/security seals present?		No					
	, were custody/security seals intact?		NA					
-	e sample received on ice?		Yes					
	Note: Thermal preservation is not required, if samples at 15 minutes of sampling							
13. See C	OC for individual sample temps. Samples outside of	f 0°C-6°C will be	recorded in	n comment	ts.			
	<u>Container</u>							
	queous VOC samples present?		No					
	OC samples collected in VOA Vials?		NA					
	head space less than 6-8 mm (pea sized or less)?		NA					
	trip blank (TB) included for VOC analyses?		NA					
	on-VOC samples collected in the correct containers		Yes					
	appropriate volume/weight or number of sample contain	ners collected?	Yes					
Field Lal								
	field sample labels filled out with the minimum info	ormation:	37					
	ample ID? ate/Time Collected?		Yes		Į			
	ollectors name?		Yes Yes					
	reservation		103					
	the COC or field labels indicate the samples were p	reserved?	No					
	ample(s) correctly preserved?		NA					
	filtration required and/or requested for dissolved m	etals?	No					
	se Sample Matrix							
	the sample have more than one phase, i.e., multipha	se?	No					
	, does the COC specify which phase(s) is to be anal							
		yzcu:	NA					
	act Laboratory							
	amples required to get sent to a subcontract laborate	•	No					
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA s	Subcontra	ct Lab	: NA		
Client II	<u>nstruction</u>							
								1

Date

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

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E506229

Job Number: 01058-0007

Received: 6/25/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 7/2/25

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

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

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

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

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

Date Reported: 7/2/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E506229

Date Received: 6/25/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/25/2025 8:00:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutodo
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/02/25 11:34

Client Sample ID	Lab Sample ID Ma	trix Sampled	Received	Container
BH27 0.5'	E506229-01A Sc	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH27 1'	E506229-02A So	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH27 2'	E506229-03A So	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH27 3'	E506229-04A So	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH27 4'	E506229-05A So	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH29 0.5'	E506229-06A So	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH29 1'	E506229-07A So	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH29 2'	E506229-08A So	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH29 3'	E506229-09A So	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH29 4'	E506229-10A Sc	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH31 0.5'	E506229-11A Sc	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH31 1'	E506229-12A Sc	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH31 2'	E506229-13A Sc	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH31 3'	E506229-14A Sc	oil 06/23/25	06/25/25	Glass Jar, 2 oz.
BH31 4'	E506229-15A Sc	oil 06/23/25	06/25/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH27 0.5' E506229-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/29/25	
Surrogate: n-Nonane		110 %	61-141	06/26/25	06/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2527010
Chloride	ND	20.0	1	06/30/25	06/30/25	

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH27 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
o,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/29/25	
Surrogate: n-Nonane		117 %	61-141	06/26/25	06/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2527010



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH27 2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.5 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		109 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2527010
· · · · · · · · · · · · · · · · · · ·	ND	20.0		06/30/25	06/30/25	·



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH27 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		110 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2527010
Chloride	71.5	20.0	1	06/30/25	06/30/25	



Sample Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH27 4'

E506229-05						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		109 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2527010
Chloride	307	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH29 0.5'

E506229-06						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		107 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2527010
Chloride	ND	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH29 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		116 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2527010
Chloride	ND	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH29 2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/27/25	
Toluene	ND	0.0250	1	06/24/25	06/27/25	
o-Xylene	ND	0.0250	1	06/24/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	06/24/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		107 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2527010
Chloride	ND	20.0	1	06/30/25	06/30/25	·



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH29 3' E506229-09

		2000227 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		111 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: JM		Batch: 2527010
Chloride	30.7	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH29 4'

	Reporting					
Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	SL		Batch: 2526077
ND	0.0250	1	[06/24/25	06/28/25	
ND	0.0250	1	l	06/24/25	06/28/25	
ND	0.0250	1	l	06/24/25	06/28/25	
ND	0.0250	1	l	06/24/25	06/28/25	
ND	0.0500	1	[06/24/25	06/28/25	
ND	0.0250	1	l	06/24/25	06/28/25	
	95.9 %	70-130		06/24/25	06/28/25	
mg/kg	mg/kg		Analyst:	SL		Batch: 2526077
ND	20.0	1	l	06/24/25	06/28/25	
	104 %	70-130		06/24/25	06/28/25	
mg/kg	mg/kg		Analyst:	KH		Batch: 2526123
ND	25.0	1		06/26/25	06/30/25	
ND	50.0	1	[06/26/25	06/30/25	
		(1.141		06/26/25	06/30/25	
	114 %	61-141		00/20/23	00/30/23	
mg/kg	114 % mg/kg		Analyst:		00/30/23	Batch: 2527010
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg MD 20.0 104 % mg/kg ND 25.0	Result Limit Dilu mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 70-130 mg/kg mg/kg ND 20.0 104 % 70-130 mg/kg mg/kg ND 25.0	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 95.9 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 104 % 70-130 mg/kg mg/kg Analyst: ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 06/24/25 ND 0.0250 1 06/24/25 ND 0.0250 1 06/24/25 ND 0.0250 1 06/24/25 ND 0.0500 1 06/24/25 ND 0.0250 1 06/24/25 mg/kg 70-130 06/24/25 mg/kg Analyst: SL ND 20.0 1 06/24/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/26/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 06/24/25 06/28/25 ND 0.0500 1 06/24/25 06/28/25 ND 0.0250 1 06/24/25 06/28/25 mg/kg mg/kg Analyst: SL ND 20.0 1 06/24/25 06/28/25 mg/kg mg/kg Analyst: SL 06/28/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/26/25 06/30/25



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH31 0.5'

		E506229-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		111 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2527010
Chloride	ND	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH31 1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
o,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		108 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2527010
· · · · · · · · · · · · · · · · · · ·	ND	20.0		06/30/25	06/30/25	· · · · · · · · · · · · · · · · · · ·



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH31 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		109 %	61-141	06/26/25	06/30/25	
	mg/kg	mg/kg	Analys	st: JM		Batch: 2527010
Anions by EPA 300.0/9056A	mg/Kg	88				



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH31 3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
o,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		114 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2527010
				06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

BH31 4'

E506229-15						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2526077
Benzene	ND	0.0250	1	06/24/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/24/25	06/28/25	
Toluene	ND	0.0250	1	06/24/25	06/28/25	
o-Xylene	ND	0.0250	1	06/24/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/24/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/24/25	06/28/25	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2526077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/24/25	06/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	06/24/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2526123
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/30/25	
Surrogate: n-Nonane		116 %	61-141	06/26/25	06/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2527010
Chloride	ND	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 7/2/2025 11:34:55AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2526077-BLK1) Prepared: 06/24/25 Analyzed: 06/29/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.11 8.00 101 70-130 LCS (2526077-BS1) Prepared: 06/24/25 Analyzed: 06/29/25 4.66 93.3 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.75 0.0250 5.00 95.1 70-130 4.73 0.0250 5.00 94.7 70-130 Toluene 95.1 o-Xylene 4.76 0.0250 5.00 70-130 10.0 96.8 70-130 9.68 0.0500 p.m-Xvlene 96.2 70-130 14.4 15.0 Total Xylenes 0.0250 8.00 93.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.49 Matrix Spike (2526077-MS1) Source: E506229-02 Prepared: 06/24/25 Analyzed: 06/27/25 4.93 0.0250 5.00 ND 70-130 Benzene ND 98.3 70-130 Ethylbenzene 4.91 0.0250 5.00 Toluene 4.94 0.0250 5.00 ND 98.7 70-130 4.92 ND 70-130 5.00 98.4 0.0250 o-Xylene p,m-Xylene 9.99 0.0500 10.0 ND 99.9 70-130 14.9 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.94 8.00 Matrix Spike Dup (2526077-MSD1) Source: E506229-02 Prepared: 06/24/25 Analyzed: 06/29/25 4.49 0.0250 5.00 ND 89.7 70-130 9.44 27 70-130 7.41 4.56 0.0250 5.00 ND 91.3 26 Ethylbenzene Toluene 4 54 0.0250 5.00 ND 90.9 70-130 8 31 20 4.61 5.00 ND 92.2 70-130 6.47 25 o-Xylene 0.0250 23 9.31 10.0 ND 93.1 70-130 6.99 p,m-Xylene 0.0500



13.9

7.92

0.0250

15.0

8.00

ND

92.8

99.0

70-130

70-130

6.82

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 11:34:55AM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers				7/2	/2025 11:34:55AM				
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		Analyst: SL					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec %	Rec Limits	RPD %	RPD Limit %	Notes				
	mg/kg	mg/kg	mg/kg	mg/kg	70	70	70	70	Notes				
Blank (2526077-BLK1)							Prepared: 0	6/24/25 Analy	yzed: 06/29/25				
Gasoline Range Organics (C6-C10)	ND	20.0											
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130							
LCS (2526077-BS2)							Prepared: 0	6/24/25 Analy	yzed: 06/27/25				
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.6	70-130							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130							
Matrix Spike (2526077-MS2)				Source:	E506229-	02	Prepared: 0	6/24/25 Analy	yzed: 06/27/25				
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.28		8.00		104	70-130							
Matrix Spike Dup (2526077-MSD2)				Source:	E506229-	02	Prepared: 0	6/24/25 Analy	yzed: 06/27/25				
Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130	2.42	20					
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.38		8.00		105	70-130							

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TOMCAT 21 FEDERAL #001 01058-0007	Reported:
Artesia NM, 88210	Project Number:	Anna Byers	7/2/2025 11:34:55AM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers					7/2/2025 11:34:55AN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2526123-BLK1)							Prepared: 0	6/26/25 A	nalyzed: 06/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.8		50.0		112	61-141			
LCS (2526123-BS1)							Prepared: 0	6/26/25 A	nalyzed: 06/29/25
Diesel Range Organics (C10-C28)	312	25.0	250		125	66-144			
Surrogate: n-Nonane	55.0		50.0		110	61-141			
Matrix Spike (2526123-MS1)				Source:	E506229-	04	Prepared: 0	6/26/25 A	nalyzed: 06/29/25
Diesel Range Organics (C10-C28)	312	25.0	250	ND	125	56-156			
Surrogate: n-Nonane	53.5		50.0		107	61-141			
Matrix Spike Dup (2526123-MSD1)				Source:	E506229-	04	Prepared: 0	6/26/25 A	nalyzed: 06/29/25
Diesel Range Organics (C10-C28)	313	25.0	250	ND	125	56-156	0.458	20	
Surrogate: n-Nonane	55.8		50.0		112	61-141			

Devon Energy - Carlsbad		Project Name:	T		Reported:							
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		1058-0007 nna Byers				7/2/2025 11:34:55AM				
		Anions	by EPA 3	300.0/9056 <i>A</i>	\				Analyst: JM			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2527010-BLK1)							Prepared: 0	6/30/25 A	nalyzed: 06/30/25			
Chloride	ND	20.0										
LCS (2527010-BS1)							Prepared: 0	6/30/25 A	nalyzed: 06/30/25			
Chloride	255	20.0	250		102	90-110						
Matrix Spike (2527010-MS1)				Source:	E506229-	04	Prepared: 0	6/30/25 A	nalyzed: 06/30/25			
Chloride	324	20.0	250	71.5	101	80-120						
Matrix Spike Dup (2527010-MSD1)				Source:	E506229-	04	Prepared: 0	6/30/25 A	nalyzed: 06/30/25			
Chloride	321	20.0	250	71.5	100	80-120	0.809	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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/02/25 11:34

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.



Received by OCD: 8/20/2025 6:29:44 AM

	Clie	nt Inform	sation	Invoice Information	on				L	ab U		los		- 10		CIV	AT		State
	evon Energy				ction Co		Lab	WO	4	2	Job	Num	ber	~	1D	ZD	30 5td	NM	CO UT TX
	TOMCAT 21		#001	Address: 5315 Buena Vista Dr.			EF	DU	120	19	122	133	400	jok			×	X	
	Manager: Ann			City, State, Zip: Carlsbad, NM, 8	8220														
	13000 W Cp			Phone: 575-885-7502				_	_	_	Ani	alysis	and	Met	hod				A Program
	te, Zip_Odess		65	Email: jim.raley@dwn.com	-		-		1	111	1							SDWA	CWA R
	32-305-6415		Color of Colors	Miscellaneous: WO: 100708530	1; PN: 19	304;		l d	20	14				2	15		1111		100
mail; N	MTXGeoGrou	perece	env.com	IN nRM2016146439	-	_		100	Shra	1.7	7			2	14.			PWSID #	100 Y S
				Sample Information				A GRO	in a	Ely states	60	200	5	Meta		à	21	-	
Time Samples	Date Sandard	Milro	40.0	Salviple (D	Gent	100	leti mber	panyo	An sweet/swe	PTOX 6	VOC 6y KTB)	Oriente	TOTAL NOW A 18	ECSTA II Metals	5.	101	NO.	Sample	Remarks
10:52	6/71/7025	5	1	ВИ27	0,5	1										x		21	
10:54	6/23/2075	9,	1	BH27	-7,	à)	1								×		2.2	
10:56	0/23/2035	5	1	BH27	2	3	3									x		2.0	
10:58	6/23/2025	5	1	BH27	3.	4										×		2.1	
11:00	5/23/2075	5	1	BH27	A.	5	5	1								х		21	
11:18	N/23/2025	9	1	BH29	0.5	6)			1	iii					х		0.8	
11:20	6/23/2025	8	1	BHZS	11,	,	1	-								×		1.3	
11:22	6/21/2015	5	1	BH29	3"	1	3									×		0.6	
11:24	6/23/2025	5	i	BH29	3,	C	1									х		1.0	
11:26	6/23/2025	5	1	BH29	4	11	٥			Π,	П	ľ				Х		1.2	
ddition	al Instructio	ns:																	

Relinquished by (Signature) (/ Received by (Signisture) sol the day they are sampled on received packed on ice at a temp above 0 but less than 6°C on Marisca Sanzale subsequent days. Relimpoished by: (Signature) Received by (Signature) Lab Use Only Received on ice: Relinquished by (Signature) Received by: (Signature) O/N

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Sample Marris 5 - Soil, 5d - Soild, 5g - Studge, A - Aquebra, O - Other, Note: Samples are discarded IA 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 alsowe samples in

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 DIO58-0007 CM Client Information Invoice Information Lab Use Only TAT State Client: Devon Energy Production Company, LP Company: Devan Energy Production Co. Lab WOII Job Number 10 70 30 Std NM CO UT TX Project: TOMCAT 21 FEDERAL WOOL 2002/0002 E500229 Address: 5315 Buena Vista Dr. Project Manager: Anna Byers City, State, Zip: Carlabad, NM, 88220 Address: 13000 W County Rd 100 Phone: 575-885-7502 Analysis and Method **EPA Program** City, State, Zip_Odessa,Tx, 79765 Email: jim raley@dvn.com SDWA CWA RCRA Phone: 432-305-6415 Miscellameous WD: 1007085301, PN-19304 Email: NMTXGeoGroup@etechenv.com IN: nRM2016146439 Crimphanteran No n DRWG Sample Information Sample --Lish Remarks Merce Date Sampled Sample D Depth Number 11:40 872 A/2002S BH31 0.5 8 1 X 11:44 6/23/2015 BH31 1 12 3 X 4/4N7000% 11:48 BH31 7, 3 13 X 0/23/2075 11:52 81431 3' 5 X %3/3025 11:56 BH31 4' 9 15 1 X Additional Instructions: s, the little contents active to the value of an authorizing of the sample. I am seem that tampening with an opening the sample because, data or time of antidered blank and may be attached to figure in the light in the Sample requiring thermal preservation must be received on ice the day they are campled or inclined packed on ice at a temp Mariosa Lionsales atrive 0 but less than 6°E on subsequent days. Releganished by (Signature) Lab Use Only 6.24.2¢ Received an ice: Reimpisted by (Signature) W/N lample Metric 5- Self M - Sellis Sg - Mistge, A - Aquesia, D - Ditser-Curitainer Type: g - glass, p - poly/plastic, ag - amber glass, y - VOA

Note: Samples are discussed 18 days after results are reported unless other arrangements are mode. Insuratious samples will be naturated to client or disposed of an this Chert expense. The reported unless other arrangements are mode. Insuratious samples will be naturated to client or disposed of an this Chert expense. The reported unless other arrangements are mode.

testicable only to those samples received by the laboratory with this CDC. The adjusty of the obsoratory is limited to the amount gold for on the region.

envirotech Inc.

Printed: 6/25/2025 9:25:54AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

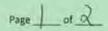
Client:	Devon Energy - Carlsbad	Date Received:	06/25/25 08	3:00		Work Order ID:	E506229
Phone:	(575) 748-0176	Date Logged In:	06/24/25 14	1:48		Logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	07/01/25 17	7:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does tl	he sample ID match the COC?		Yes				
2. Does th	he number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier:	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes			Comment	s/Resolution
	Furn Around Time (TAT) e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	•		140				
	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
• 1	e sample(s) received intact, i.e., not broken?						
	custody/security seals present?		Yes				
			No				
-	, were custody/security seals intact?		NA				
	the sample received on ice? Note: Thermal preservation is not required, if samples at 15 minutes of sampling COC for individual sample temps. Samples outside of the country of the count		Yes	aommonts			
		or 0 C-0 C will be	recorded iii	comments.			
	Container		NT-				
	queous VOC samples present? OC samples collected in VOA Vials?		No NA				
	head space less than 6-8 mm (pea sized or less)?		NA NA				
			NA NA				
	trip blank (TB) included for VOC analyses?	.9					
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contain	mers conected?	Yes				
Field Lal		·					
	field sample labels filled out with the minimum inf ample ID?	ormanon.	Yes				
	Pate/Time Collected?		Yes				
C	collectors name?		Yes				
Sample I	Preservation_						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved m	etals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ase?	No				
27. If yes	, does the COC specify which phase(s) is to be anal	yzed?	NA				
Subconti	act Laboratory						
	amples required to get sent to a subcontract laborate	nrv?	No				
	subcontract laboratory specified by the client and i	•		Subcontract La	h· NA		
			1111	Juocommact La	0.14/1		
Chent II	<u>nstruction</u>						
1							
							(2)

Date

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

D 1	@envirotech
4	Client Informa
	Client: Devon Energy Production
	Project: TOMCAT 21 FEDERAL #6
	Deployt Manager Ages Buers

Chain of Custody



Received by OCD: 8/20/2025 6:29:44 AM

A	OTOZE-DOZI CIM																					
	Clie	nt Inforn	nation		The second secon	oice Information				L	ab U	se On	ily				TAT	1		Stat	e	
	evon Energy			ny, LP	Company: Devon	Energy Production	Co.	E	ab W	O#		Job	Numl	ber .	2 1	D :	2D 3	3D !	Std NN	CO UT	TX	
Project:	TOMCAT 21	FEDERAL	#001		Address: 5315 Bu	uena Vista Dr.		- 1	E50	(Qa)	19	523	13	000	ot				x X			
Project N	Aanager: Ani	na Byers			City, State, Zip: C	arlsbad, NM, 88220)		-													
Address;	13000 W Co	ounty Rd	100	a marine	Phone: 575-885-	7502				85		Ana	lysis	and f	Netho	d			E	PA Progra	m	
City, Stat	e, Zip_Odes	sa,TX, 79	765	4 1 1 1 1	Email: Jim:raley@	dvn.com	4000						100						SDWA	CWA	RCRA	
Phone: 4	32-305-6415	5			Miscellaneous: W	VO: 1007085301; P	N: 1930	04;								5						
Email: N	MTXGeoGro	up@etecl	henv.com		IN: nRM2016146	The state of the s	is De.		BALLE	1 2	1	7.54			R. R	3			Complian	ce Y	or N	
									8	8 8	=	0	0	×	골	ш			PWSID #			
				Sample Infor	mation				- é	9 9	800	826	e 300	8	Ze Z		3	ĕ	0 a			
Time Sampled	Date Sampled	Matrix	No of Certainers		Sample ID		Depth	Lab Numb		GRO/DRO by 8015	BTEX by 8021	VOC by 8250	Chlorid	TCE 0, 1005	HCRA 8 Metal		Robbe	Bonoc	Sample Temp	Ren	narks	
10:52	6/23/2025	S	1		BH27		0.5'	1									x		21			
10:54	6/23/2025	S	1		BH27		1	2								1	х		2.2			
10:56	6/23/2025	5	1		BH27		2'	3								18	х		2.0			
10:58	6/23/2025	S	1		BH27		3,	4									х		2.1			
11:00	6/23/2025	S	1	-	BH27		4'	5								1	х		2.1			
11:18	6/23/2025	S	1		BH29		0.5	6								1	х		0.8			
11:20	6/23/2025	s	1		BH29		1'	7									x		1.3			
11:22	6/23/2025	s	1		BH29		2'	X								1	x	I	0.6			
11:24	6/23/2025	s	1		BH29		3,	9									х		1.0			
11:26	6/23/2025	s	1		BH29		41	10									x	1	1.2			
Addition	al Instruction	ons:																				
Sampled by	Christopher Iner	lars .	authenticity o	f this sample. I am aware	that tampering with or	intentionally mislabeling th	e sample	location,	date or	time of a	collecti	on is co	nsidere	ed fraud	and ma	y be s	ground	s for le	egal action.			
John	adily (planty)	VIM	l	1/24/2025	Time	Received by: (Signature)	60	maa	leç	C	24	-1	5	nme (130)			Samples re preservation	nust be re	ceived on	
M		Ganz	444	1674722 J	1320	Received by: (Signatur	May	nga	len	G	24	-25	5	Time	320)		4	ice the day t received pack		1	
Relinquish 770	ed by: (Signatur arlsac.	Lions		6-24-25	Time Received (Signature)			na		Contraction	25	2	7	X	00	CI	W 7	(zh		above 0 but less than 6°C on subsequent days.		
Relinquish	ed by: (Signatur	e)		Date	Time.	Recoved by (Sanatur	IL		Date 1.24.75 Time						1875					Use Only		
tul	ed by: (Signatur	L		C.24.25						6	25	·a	5	87	0				(D/N		
Sample Matrix: 5 - Soil, Sd - Soild, Sg - Sludge, A - Aquebus, O - Other Container Type: g - glass, p - poly/plastic, ag - amber g Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expens															a analysis of th	about ran	unlar is					
NOTE: Sall	preside discare	KAMIN THE MINE	WHITE LESUIS	are repurted unless on	on arrangements are	made macardous sample	C WILL DE	- CLUTTING	W SHE WAIT	CHE OF G	1257934	or the set.	SAME AND	THE REAL	SELECT !	HARE F	ENGIL	orie Fill	or amany sits can the	MUDITE 2911	164 ED 101	

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.

Cenvirotecl
Client Informa
Client: Devon Energy Production
Project: TOMCAT 21 FEDERAL #6
Project Manager: Anna Ruers

Chain of Custody

Page 2 of2

Received by OCD: 8/20/2025 6:29:44 AM

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	-	ent Inform	ALC: UNIVERSITY OF			voice Information					Lab	Jse C	Inly				T	AT			State	e
	evon Energy			ny, LP		on Energy Production	Co.		Lab W			Joi	nuN c	ber	100	1D	20	30	Std	NM	CO UT	TX
Section 2 Section 2	TOMCAT 21		#001		Address: 5315	Buena Vista Dr.			ESX	se	229	2	5005	00	2				x	X		
	Aanager: An				City, State, Zip:	Carlsbad, NM, 88220	1								1				-			
	13000 W Cd				Phone: 575-885	-7502						A	nalysi	and	Met	hod				EF	A Progra	m
	e, Zip Odes		765		Email: jim.raley	@dvn.com														SDWA	CWA	RCRA
	32-305-641				Miscellaneous:	WO: 1007085301; P	N: 1930	34;		-10		1					1					
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Time Sampled	Date Sampled	Matrix	Market Contracts		Sample ID		Depth	Numi	ber	DNOVOR	GRO/DRO by 8015	VOC by \$260	Chlorid	TCFQ 1005	RCRA B		BGDOC.	- Diddie		Sample Temp	Ren	narks
11:40	6/23/2025	5	1		BH31		0.5'	11									X			2.1		
11:44	6/23/2025	S	1		BH31		1"	12	2								Х			2.0		
11:48	6/23/2025	5	1		BH31		2'	13		1	T						х			1.0		
11:52	6/23/2025	5	1		BH31		3,	14									X			1.4		
11:56	6/23/2025	5	1		BH31		4'	15				+					X					
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	-			1						-	-	+	-									
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Addition	al Instruction	ns:									_	-										
			euthenticity	of this sample. I am awa	re that tampering with r	or intentionally inistabeling th	e cample	Incation	date or	time.	of caller	tion is	consider	ed frau	d ≥nd	may b	# group	nds for	legal	ection.		
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							1000													4	7/N	- 3
	ple Matrix 5 - Soil, Sd - Solid, Sg - Sludge, A - Aquebux O - Other to: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous san								pe:g-	glass	p - p	ly/pl	istic, a	g-an	ber g	lass,	v-V	OA.				
Note: Sam	ples are discard	ted 14 days	after results	are reported unless o	ther arrangements are	made. Hazardous sample	es will be	returne	rd to ch	ent or	dispo	ed of	at the c	lient e	xpens	e. The	repo	rt for	the an	alysis of the	above sam	ples 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.

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E506246

Job Number: 01058-0007

Received: 6/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/2/25

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

Date Reported: 7/2/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E506246

Date Received: 6/27/2025 7:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/27/2025 7:00:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

CCII: 779 207 1702

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Michelle Gonzales

Client Representative

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/02/25 12:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH32 0.5'	E506246-01A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH32 1'	E506246-02A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH32 2'	E506246-03A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH32 3'	E506246-04A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH32 4'	E506246-05A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH34 0.5'	E506246-06A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH34 1'	E506246-07A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH34 2'	E506246-08A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH34 3'	E506246-09A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH34 4'	E506246-10A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

BH32 0.5' E506246-01

	E500240-01				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
ND	0.0250	1	06/27/25	06/29/25	
ND	0.0250	1	06/27/25	06/29/25	
ND	0.0250	1	06/27/25	06/29/25	
ND	0.0250	1	06/27/25	06/29/25	
ND	0.0500	1	06/27/25	06/29/25	
ND	0.0250	1	06/27/25	06/29/25	
	105 %	70-130	06/27/25	06/29/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
ND	20.0	1	06/27/25	06/29/25	
	95.9 %	70-130	06/27/25	06/29/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2527020
ND	25.0	1	06/30/25	07/01/25	
ND	50.0	1	06/30/25	07/01/25	
	124 %	61-141	06/30/25	07/01/25	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2527013
ND	20.0	1	06/30/25	06/30/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 I05 % mg/kg mg/kg mg/kg ND 20.0 95.9 % mg/kg MD 25.0 ND 50.0 124 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 95.9 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 124 % 61-141 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 06/27/25 ND 0.0250 1 06/27/25 ND 0.0250 1 06/27/25 ND 0.0500 1 06/27/25 ND 0.0250 1 06/27/25 ND 0.0250 1 06/27/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/27/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/30/25 ND 50.0 1 06/30/25 ND 50.0 1 06/30/25 Mg/kg Mg/kg Analyst: JM	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 06/27/25 06/29/25 ND 0.0250 1 06/27/25 06/29/25 ND 0.0250 1 06/27/25 06/29/25 ND 0.0500 1 06/27/25 06/29/25 ND 0.0250 1 06/27/25 06/29/25 ND 0.0250 1 06/27/25 06/29/25 ND 0.0250 1 06/27/25 06/29/25 mg/kg mg/kg Analyst: BA ND 20.0 1 06/27/25 06/29/25 mg/kg mg/kg Analyst: KH ND 25.0 1 06/30/25 07/01/25 ND 50.0 1 06/30/25 07/01/25 ND 50.0 1 06/30/25 07/01/25 Mg/kg mg/kg Analyst: JM

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

BH32 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	Analyst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		110 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2527013
Amons by ETA 500.0/7030A						



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

BH32 2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		107 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2527013
· · · · · · · · · · · · · · · · · · ·	ND	20.0		06/30/25	06/30/25	<u> </u>



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

BH32 3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		106 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2527013
	ND	20.0	-	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

BH32 4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		108 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2527013
Chloride	158	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

BH34 0.5'

		E506246-06				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		116 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2527013
Chloride	ND	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

BH34 1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		114 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2527013
	ND	20.0	-	06/30/25	06/30/25	· · · · · · · · · · · · · · · · · · ·



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

BH34 2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		120 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2527013
·	123	20.0		06/30/25	06/30/25	·



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

BH34 3'

		E506246-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		110 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2527013
Chloride	323	20.0	1	06/30/25	06/30/25	



Sample Data

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

BH34 4'

		E506246-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2526139
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
Surrogate: n-Nonane		121 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2527013
Chloride	386	20.0	1	06/30/25	06/30/25	



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 7/2/2025 12:03:15PM **Volatile Organics by EPA 8021B** Analyst: BA Source RPD Reporting Spike Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2526139-BLK1) Prepared: 06/27/25 Analyzed: 06/29/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.21 8.00 103 70-130 LCS (2526139-BS1) Prepared: 06/27/25 Analyzed: 06/29/25 4.80 5.00 95.9 70-130 0.0250 Benzene Ethylbenzene 4.44 0.0250 5.00 88.7 70-130 92.7 70-130 Toluene 4.64 0.0250 5.00 4.41 88.1 70-130 o-Xylene 0.0250 5.00 8.81 0.0500 10.0 88.1 70-130 p,m-Xylene 88.1 70-130 13.2 0.0250 15.0 Total Xylenes 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.18

Matrix Spike (2526139-MS1)				Source:	E506246-0	03	Prepared: 06/27/25 Analyzed: 06/29/25
Benzene	5.43	0.0250	5.00	ND	109	70-130	
Ethylbenzene	5.30	0.0250	5.00	ND	106	70-130	
Toluene	5.39	0.0250	5.00	ND	108	70-130	
o-Xylene	5.21	0.0250	5.00	ND	104	70-130	
o,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	
Total Xylenes	15.8	0.0250	15.0	ND	106	70-130	
Surrogate: 4-Bromochlorobenzene-PID	8.30		8.00		104	70-130	

Matrix Spike Dup (2526139-MSD1)						03	Prepared: 06/27/25 Analyzed: 06/29/25		
Benzene	4.88	0.0250	5.00	ND	97.6	70-130	10.7	27	
Ethylbenzene	4.77	0.0250	5.00	ND	95.4	70-130	10.5	26	
Toluene	4.84	0.0250	5.00	ND	96.8	70-130	10.8	20	
o-Xylene	4.69	0.0250	5.00	ND	93.7	70-130	10.6	25	
p,m-Xylene	9.59	0.0500	10.0	ND	95.9	70-130	10.2	23	
Total Xylenes	14.3	0.0250	15.0	ND	95.2	70-130	10.3	26	
Surrogate: 4-Bromochlorobenzene-PID	8.28		8.00		104	70-130			

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TOMCAT 21 FEDERAL #001 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

Artesia NM, 88210		Project Manager		nna Byers					7/2/2025 12:03:15PM
	Nor	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2526139-BLK1)							Prepared: 0	6/27/25 Aı	nalyzed: 06/29/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			
LCS (2526139-BS2)							Prepared: 0	5/27/25 Aı	nalyzed: 06/29/25
Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			
Matrix Spike (2526139-MS2)				Source:	E506246-0	03	Prepared: 0	6/27/25 Aı	nalyzed: 06/29/25
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			
Matrix Spike Dup (2526139-MSD2)				Source:	E506246-	03	Prepared: 0	6/27/25 Aı	nalyzed: 06/29/25
Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.9	70-130	0.744	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.3	70-130			



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Anna Byers	7/2/2025 12:03:15PM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers					7/2/2025 12:03:15PM		
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: KH		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2527020-BLK1)							Prepared: 0	6/30/25 A	nalyzed: 07/01/25		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	51.1		50.0		102	61-141					
LCS (2527020-BS1)							Prepared: 0	6/30/25 A	nalyzed: 07/01/25		
Diesel Range Organics (C10-C28)	287	25.0	250		115	66-144					
Surrogate: n-Nonane	51.4		50.0		103	61-141					
Matrix Spike (2527020-MS1)				Source:	E506245-0	01	Prepared: 0	6/30/25 A	nalyzed: 07/01/25		
Diesel Range Organics (C10-C28)	329	25.0	250	ND	132	56-156					
Surrogate: n-Nonane	54.7		50.0		109	61-141					
Matrix Spike Dup (2527020-MSD1)				Source:	E506245-	01	Prepared: 0	6/30/25 A	nalyzed: 07/01/25		
Diesel Range Organics (C10-C28)	340	25.0	250	ND	136	56-156	3.32	20			
Surrogate: n-Nonane	58.2		50.0		116	61-141					

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		OMCAT 21 F	EDERAL#	£001			Reported:
Artesia NM, 88210		Project Manager:	Α	nna Byers					7/2/2025 12:03:15PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2527013-BLK1)							Prepared: 0	6/30/25 A	analyzed: 06/30/25
Chloride	ND	20.0							
LCS (2527013-BS1)							Prepared: 0	6/30/25 A	analyzed: 06/30/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2527013-MS1)				Source:	E506246-0)4	Prepared: 0	6/30/25 A	analyzed: 06/30/25
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2527013-MSD1)				Source:	E506246-0)4	Prepared: 0	6/30/25 A	analyzed: 06/30/25
Chloride	252	20.0	250	ND	101	80-120	0.0626	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:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/02/25 12:03

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



0	envirotech
	Client Information
	Client: Devon Energy Production C
	Project: TOMCAT 21 FEDERAL #00

Chain of Custody

A	nalytical L	aborate	ory																				
		nt Inforn		1		Invo	ice Information					L	ab U	se Or	nly				T	AT		Sta	ite
Project:	evon Energy TOMCAT 21 I Manager: Ann	FEDERAL	on Compa #001	ny, LP		Company: Devon Address: 5315 But City, State, Zip: Ca	ena Vista Dr.			E E	WO#	12	46	Ol	Num 055	ber	07	1D	2D	3D St		CO U	T TX
Address	13000 W Co	unty Rd	100	-		Phone: 575-885-7		20	\neg	1			-	Ana	alvsi	and	Met	hod	-	_	FI	A Prog	ram
City, State, Zip_Odessa,TX, 79765 Phone: 432-305-6415			160		Email: jim.raley@dvn.com Miscellaneous: WO: 1007,085301; PN: 19304;														П	SDWA	CWA		
Email: N	MTXGeoGrau	ip@etecl	henv.com			IN: nRM2016146439				4 8015	54 8035	17	0	100.0		, wes				Compliana PWSID #	e	of N	
				Sample II	ifor	mation			1		280.0	HOB	N 80	4 826	8	980	3 Med		STEE.	ĕ	음	1 3	
Time Sampled	Date Sampred	Matter	Details			Sample ID		Depth	Numi	0.00	DRO/DRO by	SRS/DRO	BTEX 6y 8021	VDC-by 8260	Oslovide	1110 1010	RCRA & Metall		#spior	db	Sample Temp	Re	emarks
10:00	6/24/2025	5	1			ВН32		0.5'	1					N					X		2.6		
10:05	5/24/2025	5	1			BH32		i,	2					Ц					х		2.0		
10:10	6/24/2025	5	1-			BH32		2'	3				5						х		2.3		
10:15	6/24/2025	5	1			BH32		3'	4										х		3.0		
10:20	5/24/2025	5	1			BH32		A'	5										х		31		
11:55	6/24/2025	5	1			BH34		0.5	10						1				x		2.4		
12:00	5/24/2025	S	1			BH34		1	7							Т			х		e.1		
12:05	5/24/2025	5	1			BH34		2'	8										x		2.6		
12:10	6/24/2025	5	1			BH34		3'	9										x		2.8		
12:15	6/24/2025	5	1			BH34		4'	10									Т	x	\vdash	24		
Addition	nal Instructio	ns:	_)	_		-	_	_	-	_	_			16.7	_	
	pier), ettest to the Christopher Inn		authenticity	of this sample. I am	hwatt	that tampering with or in	ntentionally reislabeling	g the sample	location	data.	i ir tir	ne of a	allecti	on is co	onside	ted fra	ud and	t may b	e grai	inds for leg	at action		
	ed by: (Slignatur		til	100/100		1me 030	Received by Sign	dure) Go	W.C.	le	8	Oyte	K	25		Time	03	2			Samples re	100	
Relinquist	el avstSignatur		rles	(0.2525	4)	7500	Received by: (Signa	ture)	- 0	-0		Dake	1000	1		Timp				1112	preservation must be received on ice the day they are sampled or		
	ed by: (Signatur	10		12625		اللها الم	Received by: (Signa		ma	ما اسانت	ali	Date	E.			1500 1620		T		received packed on ice at a to above 0 but less than 6°C of		an 6"C on	
_	ed by: (Signatur	_		Date		Time	Received by Sigha	ture) ///	200						Time	Time			subsequent days. Lab Use Only				
Relinquish	ed by: (Signatur	e)		C.16.2	5_	1300	Baldhardy Signa	(we)	w	-	51	Date	27.	25		Time	_	_	H	1	Recei	yed on Y/N	

Sample Matrix: 5 - Spil, 5d - Solid, 5g - Sludge, A - Aquesius, O - Other

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

Note: Samples are discarded 14 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 Inc.

Printed: 6/27/2025 12:06:00PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

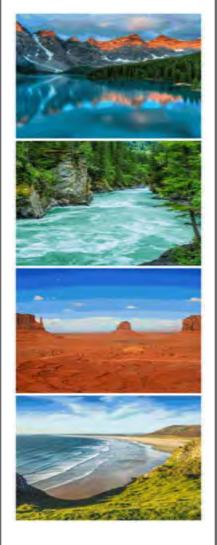
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	06/27/25 07:00	1	v	Vork Order ID:	E506246
Phone:	(575) 748-0176	Date Logged In:	06/26/25 13:44		I	logged In By:	Caitlin Mars
Email:	anna@etechenv.com	Due Date:	07/02/25 17:00	(3 day TAT)			
Chain of	Custody (COC)						
	the sample ID match the COC?		Yes				
	he number of samples per sampling site location ma	itch the COC	Yes				
	samples dropped off by client or carrier?		Yes	Carrier: Cou	urier		
4. Was th	ne COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes				
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted i.e. 15 minute hold time, are not included in this disucss		Yes			Comment	s/Resolution
Sample '	Turn Around Time (TAT)	ion.				-	
	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
12. Was tl	he sample received on ice?		Yes				
13 See (Note: Thermal preservation is not required, if samples a 15 minutes of sampling COC for individual sample temps. Samples outside of the country of the count		recorded in co	mments			
	Container		10001000 111 00				
	equeous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers	s?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field La	· · · · · · · · · · · · · · · · · · ·						
	field sample labels filled out with the minimum inf	ormation:					
	Sample ID?		Yes				
	Date/Time Collected?		Yes				
	Collectors name?		Yes				
	Preservation the COC on field lebels indicate the second as years		N-				
	the COC or field labels indicate the samples were p	reserveu?	No				
	ample(s) correctly preserved? of filtration required and/or requested for dissolved m	atole?	NA Na				
		iciais:	No				
	ase Sample Matrix	9					
	the sample have more than one phase, i.e., multipha		No				
27. If yes	s, does the COC specify which phase(s) is to be anal	lyzed?	NA				
-	ract Laboratory						
	amples required to get sent to a subcontract laborate	-	No				
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA Sub	contract Lab: N	NA		
Client I	<u>nstruction</u>						
							10-00
							1

Date

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

Report to:
Anna Byers



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: TOMCAT 21 FEDERAL #001

Work Order: E506242

Job Number: 01058-0007

Received: 6/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/1/25

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

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

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

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

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

Date Reported: 7/1/25

Anna Byers 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: TOMCAT 21 FEDERAL #001

Workorder: E506242

Date Received: 6/27/2025 7:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/27/2025 7:00:00AM, under the Project Name: TOMCAT 21 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: TOMCAT 21 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

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Cell: 505-320-4759

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

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mgonzales@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	07/01/25 09:18

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH33 0.5'	E506242-01A Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH33 3'	E506242-02A Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
BH33 4'	E506242-03A Soil	06/24/25	06/27/25	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 9:18:16AM

BH33 0.5' E506242-01

		E300242-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2526137
Benzene	ND	0.0250	1	06/27/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/27/25	
Toluene	ND	0.0250	1	06/27/25	06/27/25	
o-Xylene	ND	0.0250	1	06/27/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		82.1 %	70-130	06/27/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: SL		Batch: 2526137
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	06/27/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2526134
Diesel Range Organics (C10-C28)	ND	25.0	1	06/27/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/27/25	06/27/25	
Surrogate: n-Nonane		97.6 %	61-141	06/27/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2526141
Chloride	53.3	20.0	1	06/27/25	06/27/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 9:18:16AM

BH33 3'

E506242-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2526137
Benzene	ND	0.0250	1	06/27/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/27/25	
Toluene	ND	0.0250	1	06/27/25	06/27/25	
o-Xylene	ND	0.0250	1	06/27/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		82.3 %	70-130	06/27/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526137
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	06/27/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: NV		Batch: 2526134
Diesel Range Organics (C10-C28)	ND	25.0	1	06/27/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/27/25	06/27/25	
Surrogate: n-Nonane		102 %	61-141	06/27/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2526141
Chloride	2860	40.0	2	06/27/25	06/27/25	



Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 9:18:16AM

BH33 4'

E506242-03

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2526137
Benzene	ND	0.0250	1	06/27/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/27/25	
Toluene	ND	0.0250	1	06/27/25	06/27/25	
o-Xylene	ND	0.0250	1	06/27/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		82.3 %	70-130	06/27/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2526137
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	06/27/25	06/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2526134
Diesel Range Organics (C10-C28)	ND	25.0	1	06/27/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/27/25	06/27/25	
Surrogate: n-Nonane		101 %	61-141	06/27/25	06/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2526141
Chloride	6140	100	5	06/27/25	06/27/25	



Devon Energy - Carlsbad TOMCAT 21 FEDERAL #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Anna Byers 7/1/2025 9:18:16AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2526137-BLK1) Prepared: 06/27/25 Analyzed: 06/27/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.54 8.00 81.7 70-130 LCS (2526137-BS1) Prepared: 06/27/25 Analyzed: 06/27/25 5.78 5.00 116 70-130 Benzene 0.0250 Ethylbenzene 5.70 0.0250 5.00 114 70-130 5.77 0.0250 5.00 115 70-130 Toluene 112 o-Xylene 5.60 0.0250 5.00 70-130 11.5 10.0 115 70-130 0.0500 p.m-Xvlene 114 70-130 17.1 15.0 Total Xylenes 0.0250 8.00 82.1 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.57 Matrix Spike (2526137-MS1) Source: E506242-01 Prepared: 06/27/25 Analyzed: 06/27/25 5.11 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 5.02 0.0250 5.00 100 Toluene 5.09 0.0250 5.00 ND 102 70-130 4.97 ND 99.4 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 ND 101 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.56 8.00 Matrix Spike Dup (2526137-MSD1) Source: E506242-01 Prepared: 06/27/25 Analyzed: 06/27/25 5.66 0.0250 5.00 ND 113 70-130 10.2 27 5.55 ND 70-130 0.0250 5.00 111 10.1 26 Ethylbenzene Toluene 5.63 0.0250 5.00 ND 113 70-130 10.1 20 5.45 5.00 ND 109 70-130 9.25 25 o-Xylene 0.0250 112 9.83 23 11.2 10.0 ND 70-130 p,m-Xylene 0.0500



16.6

6.51

0.0250

15.0

8.00

ND

111

81.4

70-130

70-130

9.64

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 9:18:16AM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers				7/1	/2025 9:18:16AM
	Non	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2526137-BLK1)							Prepared: 0	6/27/25 Anal	yzed: 06/27/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			
LCS (2526137-BS2)							Prepared: 0	6/27/25 Anal	yzed: 06/27/25
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0		90.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			
Matrix Spike (2526137-MS2)				Source:	E506242-	01	Prepared: 0	6/27/25 Anal	yzed: 06/27/25
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
Matrix Spike Dup (2526137-MSD2)				Source:	E506242-0	01	Prepared: 0	6/27/25 Anal	yzed: 06/27/25
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	3.58	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130			

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	TOMCAT 21 FEDERAL #001 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Anna Byers	7/1/2025 9:18:16AM

Artesia NM, 88210		Project Manage	r: Ar	ına Byers					7/1/2025 9:18:16AM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2526134-BLK1)							Prepared: 0	6/27/25 An	alyzed: 06/27/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.5		50.0		107	61-141			
LCS (2526134-BS1)							Prepared: 0	6/27/25 An	alyzed: 06/27/25
Diesel Range Organics (C10-C28)	396	25.0	250		158	66-144			L5
urrogate: n-Nonane	67.1		50.0		134	61-141			
Matrix Spike (2526134-MS1)				Source:	E506240-	01	Prepared: 0	6/27/25 An	alyzed: 06/27/25
Diesel Range Organics (C10-C28)	331	25.0	250	ND	132	56-156			
Surrogate: n-Nonane	56.6		50.0		113	61-141			
Matrix Spike Dup (2526134-MSD1)				Source:	E506240-	01	Prepared: 0	6/27/25 An	alyzed: 06/27/25
Diesel Range Organics (C10-C28)	332	25.0	250	ND	133	56-156	0.345	20	
Surrogate: n-Nonane	56.3		50.0		113	61-141			



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		OMCAT 21 FI	EDERAL#	001			Reported:	
Artesia NM, 88210		Project Number: Project Manager:		nna Byers					7/1/2025 9:18:16	AM
		Anions l	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: IY	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	:	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2526141-BLK1)							Prepared: 0	6/27/25	Analyzed: 06/27/25	
Chloride	ND	20.0								
LCS (2526141-BS1)							Prepared: 0	6/27/25	Analyzed: 06/27/25	
Chloride	250	20.0	250		100	90-110				
Matrix Spike (2526141-MS1)				Source:	E506240-0	1	Prepared: 0	6/27/25	Analyzed: 06/27/25	
Chloride	254	20.0	250	ND	101	80-120				
Matrix Spike Dup (2526141-MSD1)				Source:	E506240-0	1	Prepared: 0	6/27/25	Analyzed: 06/27/25	
Chloride	254	20.0	250	ND	102	80-120	0.222	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

Devo	n Energy - Carlsbad	Project Name:	TOMCAT 21 FEDERAL #001	
6488	7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artes	ia NM, 88210	Project Manager:	Anna Byers	07/01/25 09:18

L5 The LCS spike recovery was outside acceptance limits. The MS and/or MSD is within the LCS acceptance limits.

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.



					Invoice Information					Lab Lice Only							_		_	1														
00-1-0		nt Inform		16	-	Invoice Information					Lab Use Only						TAT				State													
	OMCAT 21			iriy, LP			evon Energy Production Co. 15 Buena Vista Dr.				E50(0242 Oung CO)						10 20 30 Std				CO UT TX													
	lanager: Ann		No.			ty, State, Zip: Carlsbad, NM, 88220					130000000000000000000000000000000000000							-	1.0	1 1-														
	13000 W Co				In the Company	nane: 575-885-7							Analysis and Met				hod			EPA Program														
	erZip_Odes		65	2.		nail: jim.raley@															SDWA	CWA RCRA												
	32-305-6415 VITXGenGros		VERW COM			iscellaneous: W c nRM20161464	O: 1007085301: P	N: 198	34;	١.	* "	. 4	a 45	w 3	5128	w 2	- 3	J 13	n 5	W 2	W 10	w 10	J 3	w 5		95	4		120	Ð,			Complain	e V or t
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10:30	8/24/2025	5	1			BH33		9.5	1									x		3.0														
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Addition	al Instructio	ns:																																
	per), attent to the Christopher inmo		authoricity	of this sample. I am	more the	at tempering with or a	mintinually mishaloning the	e umple	imation, die	or fin	Drm. (fr)	nini to	er a te	-	nd free	il led	TY In	(Free	eda Nor lyngui	lection.														
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applicable proy to those samples reserved by the laboratory with this COC. The liability of the laboratory is limited to the amount past for on the report.

envirotech Inc.

Printed: 6/27/2025 11:02:24AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Devon Energy - Carlsbad	Date Received:	06/27/25	07:00		Work Order ID:	E506242
Phone: (575) 748-0176	Date Logged In:	06/26/25			Logged In By:	Caitlin Mars
Email: anna@etechenv.com	Due Date:		17:00 (3 day TAT)		Logged III Dy.	Caltini iviais
Linair. amageteenen, toni	Due Date.	07702723	17.00 (3 day 1711)			
Chain of Custody (COC)						
1. Does the sample ID match the COC?		Yes				
2. Does the number of samples per sampling site location ma	tch the COC	Yes				
3. Were samples dropped off by client or carrier?		Yes	Carrier: C	ourier		
4. Was the COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier.	<u>ourier</u>		
5. Were all samples received within holding time?	stea anary ses.	Yes				
Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		100			Commen	ts/Resolution
Sample Turn Around Time (TAT)	ion.		Г			
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? Note: Thermal preservation is not required, if samples an	re received within	Yes				
15 minutes of sampling 13. See COC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded	in comments.			
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	s?	Yes				
19. Is the appropriate volume/weight or number of sample contain	iners collected?	Yes				
Field Label						
20. Were field sample labels filled out with the minimum infe	ormation:					
Sample ID?		Yes				
Date/Time Collected?		Yes	-			
Collectors name?		Yes				
Sample Preservation 21. Does the COC or field labels indicate the samples were p	recerved?	No				
22. Are sample(s) correctly preserved?	reserved:					
24. Is lab filtration required and/or requested for dissolved m	uetals?	NA No				
• •	ictais:	110				
Multiphase Sample Matrix	9	3.7				
26. Does the sample have more than one phase, i.e., multipha		No				
27. If yes, does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontract Laboratory						
28. Are samples required to get sent to a subcontract laborate	-	No				
29. Was a subcontract laboratory specified by the client and i	if so who?	NA	Subcontract Lab	: NA		
Client Instruction						

Date

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

APPENDIX I

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 456208

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	456208
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2016146439
Incident Name	NRM2016146439 TOMCAT 21 FEDERAL #1 @ 30-025-33356
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-33356] TOMCAT 21 FEDERAL #001

Location of Release Source	
Site Name	TOMCAT 21 FEDERAL #1
Date Release Discovered	05/24/2020
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	1,000	
What is the estimated number of samples that will be gathered	20	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/01/2025	
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 Paduca Breaks Lane and Alisha Lane, go north on Alisha Lane for 1 mile, go west on lease road for 0.92 mile to GPS coordinates (32.30250,-103.67110).	

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 456208

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	456208
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Cre By	ated		Condition Date
jra	ley	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.	4/28/2025

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

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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 459081

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	459081
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2016146439
Incident Name	NRM2016146439 TOMCAT 21 FEDERAL #1 @ 30-025-33356
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-33356] TOMCAT 21 FEDERAL #001

Location of Release Source	
Site Name	TOMCAT 21 FEDERAL #1
Date Release Discovered	05/24/2020
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	1,000	
What is the estimated number of samples that will be gathered	20	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/08/2025	
Time sampling will commence	10:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions.	
Please provide any information necessary for navigation to sampling site	From the intersection of Paduca Breaks Lane and Alisha Lane, go north on Alisha Lane for 1 mile, go west on lease road for 0.92 mile to GPS coordinates (32.30250,-103.67110)	

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 Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 459081

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	459081
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Crea By		Condition Date
jral	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.	5/6/2025

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

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

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

QUESTIONS

Action 459084

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	459084
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2016146439
Incident Name	NRM2016146439 TOMCAT 21 FEDERAL #1 @ 30-025-33356
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-33356] TOMCAT 21 FEDERAL #001

Location of Release Source	
Site Name	TOMCAT 21 FEDERAL #1
Date Release Discovered	05/24/2020
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	1,000	
What is the estimated number of samples that will be gathered	20	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/09/2025	
Time sampling will commence	08:00 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 Paduca Breaks Lane and Alisha Lane, go north on Alisha Lane for 1 mile, go west on lease road for 0.92 mile to GPS coordinates (32.30250,-103.67110)	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 459084

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	459084
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Crea By		Condition Date
jral	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.	5/6/2025

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

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

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

QUESTIONS

Action 476393

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	476393
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2016146439
Incident Name	NRM2016146439 TOMCAT 21 FEDERAL #1 @ 30-025-33356
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-33356] TOMCAT 21 FEDERAL #001

Location of Release Source	
Site Name	TOMCAT 21 FEDERAL #1
Date Release Discovered	05/24/2020
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	1,000	
What is the estimated number of samples that will be gathered	20	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/23/2025	
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 Paduca Breaks Lane and Alisha Lane, go north on Alisha Lane for 1 mile, go west on lease road for 0.92 mile to GPS coordinates (32.30250,-103.67110)	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 476393

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	476393
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/18/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/18/2025

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

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

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

QUESTIONS

Action 454295

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	454295
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2016146439
Incident Name	NRM2016146439 TOMCAT 21 FEDERAL #1 @ 30-025-33356
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-33356] TOMCAT 21 FEDERAL #001

Location of Release Source				
Site Name	TOMCAT 21 FEDERAL #1			
Date Release Discovered	05/24/2020			
Surface Owner	Federal			

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/24/2025
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 paduca breaks lane and alisha lane, go north on alisha lane for 1 mile, go west on lease road for 0.92 mile to gps coordinates (32.30250,-103.67110)

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 454295

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	454295
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Cre:	ated		Condition Date
jra	ley	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.	4/22/2025

Erick Herrera

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Sent: Wednesday, July 23, 2025 4:43 PM

To: Erick Herrera

Cc: jim.raley@dvn.com; NM TX Geo Group; Bratcher, Michael, EMNRD; Wells, Shelly,

EMNRD; Enviro, OCD, EMNRD

Subject: Re: [EXTERNAL] Request for Variance for Delineation Soil Sampling Notification Tomcat

21 Federal #001 - Incident Number nRM2016146439

Hi Erick,

Thank you for the correspondence.

The variance requested to accept these samples without the sampling notification is denied.

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, July 22, 2025 2:56 PM

To: Velez, Nelson, EMNRD < Nelson.Velez@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Request for Variance for Delineation Soil Sampling Notification Tomcat 21 Federal #001 -

Incident Number nRM2016146439

From: Erick Herrera <erick@etechenv.com>

Sent: Tuesday, July 22, 2025 2:29 PM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; ocdonline, emnrd, EMNRD <emnrd.ocdonline@emnrd.nm.gov>

Cc: Raley, Jim <jim.raley@dvn.com>; NM TX Geo Group <NMTXGeoGroup@etechenv.com>

Subject: [EXTERNAL] Request for Variance for Delineation Soil Sampling Notification Tomcat 21 Federal #001 - Incident

Number nRM2016146439

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

Good afternoon,

Etech Environmental & Safety Solutions (Etech), on behalf of Devon Energy Production Company, LP. is reaching out regarding our ongoing remediation efforts for the Tomcat 21 Federal 1 (Site) associated with Incident Number nRM2016146439. Unfortunately, we inadvertently overlooked to notify Mr. Jim Raley with Devon Energy to include a sampling notification for a delineation sampling event. This oversight occurred due to a miscommunication within our internal team during the scheduling and coordination of the delineation sampling activities. Etech collected delineation soil samples on April 28th, 2025, which have since been submitted for laboratory analysis.

Etech fully understands that a sampling notification must be submitted at least two (2) business days prior to a sampling event. Etech on behalf of Devon requests a variance to accept the delineation soil samples collected on April 28th, 2025, for Incident Number nRM2016146439. With your approval, a soil sampling notification would be submitted as soon as possible for the respective date, and this email notification will be included in a subsequent Site Characterization and Remediation Plan report for Incident Number nRM2016146439. Please be assured that all future final confirmation soil sampling notifications will be submitted for any confirmation closure sampling.

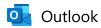
Please let us know if you have any questions or require further information.

Thank you,



Erick Herrera
Lead Project Geologist/GIS Manager
Etech Environmental & Safety Solutions, Inc.
W: (432) 305-6416

C: (281) 777-4152



Re: [EXTERNAL] Devon Characterization Variance Request - Tomcat 21 Federal 1 (nRM2016146439)

From Velez, Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov>

Date Wed 3/26/2025 7:51 AM

To Erick Herrera <erick@etechenv.com>

Cc Raley, Jim <jim.raley@dvn.com>; NM TX Geo Group <NMTXGeoGroup@etechenv.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Good morning Erick,

Thank you for the correspondence. Your variance request demonstrating groundwater estimation >100 ft. is approved.

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

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

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: Monday, March 24, 2025 3:47 PM

To: Velez, Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Devon Characterization Variance Request - Tomcat 21 Federal 1 (nRM2016146439)

From: Erick Herrera <erick@etechenv.com> Sent: Monday, March 24, 2025 2:10 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Raley, Jim <jim.raley@dvn.com>; NM TX Geo Group <NMTXGeoGroup@etechenv.com>

Subject: [EXTERNAL] Devon Characterization Variance Request - Tomcat 21 Federal 1 (nRM2016146439)

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

Good afternoon,

Attached, you will find a Characterization Variance Request for the Tomcat 21 Federal 1 (Site) for Incident Number (nRM2016146439) for your review. This request proposes to utilize a Table I depth to ground water (DTW) greater than 100 feet below ground surface (bgs), based on recent OSE POD and USGS data in the vicinity of the Site.

Please let me know if you have any questions or require any additional information.

Thanks,



Erick Herrera

Project Geologist

Etech Environmental & Safety Solutions, Inc.

W: (432) 305-6416 C: (281) 777-4152

Erick Herrera

From: Erick Herrera

Sent: Thursday, February 27, 2025 3:32 PM

To: Flynn-Cox, Renae C **Cc:** NM TX Geo Group

Subject: RE: [EXTERNAL] SSPS Habitat question - Gypsum Wild Buckwheat

Thank you Renae!

Thanks,



Erick Herrera Project Geologist

Etech Environmental & Safety Solutions, Inc.

W: (432) 305-6416 C: (281) 777-4152

From: Flynn-Cox, Renae C <rflynncox@blm.gov> Sent: Thursday, February 27, 2025 2:55 PM To: Erick Herrera <erick@etechenv.com>

Cc: NM TX Geo Group < NMTXGeoGroup@etechenv.com>

Subject: Re: [EXTERNAL] SSPS Habitat question - Gypsum Wild Buckwheat

good afternoon.

there is no appropriate habitat associated with this spill. no surveys needed.

thanks, renae

Renae Cox Botanist Bureau of Land Management Carlsbad Field Office 620 E. Greene Street Carlsbad, NM 88220 (575)-234-5923

From: Erick Herrera < erick@etechenv.com Sent: Thursday, February 27, 2025 11:01 AM To: Flynn-Cox, Renae C < rflynncox@blm.gov>

Cc: NM TX Geo Group < NMTXGeoGroup@etechenv.com>

Subject: [EXTERNAL] SSPS Habitat question - Gypsum Wild Buckwheat

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Hi Renae,

I hope this message finds you well. I am writing to request your assistance regarding an inadvertent release of produced water that occurred at a site located within both BLM and SLO boundaries, as referenced in the attached kmz file. We have consulted with a third-party biologist who identified a small section of habitat for Gypsum Wild Buckwheat in the area. However, we were informed that third-party biologists are not permitted to conduct surveys for this federally endangered species. Given the importance of protecting this habitat, would you be able to evaluate any potential impacts from our activities for any potential SSPS habitats within our requested area in the kmz?

Thank you,



Erick Herrera
Project Geologist
Etech Environmental & Safety Solutions, Inc.

W: (432) 305-6416 C: (281) 777-4152

APPENDIX J

Approved Characterization Variation Request

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





CHARACTERIZATION VARIANCE REQUEST

Prepared For:

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

Site Information:

Tomcat 21 Federal 1 Incident Number nRM2016146439

Unit I, Section 16, Township 23 South, Range 32 East

Lea County, New Mexico

(32.30250°, -103.67110°)

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 Characterization Variance Request (CVR) detailing the assessment of potential sensitive receptors relative to the Tomcat 21 Federal 1 (Site) location. Based on the results of the desktop review 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), Devon requests the proposed Site Closure Criteria to drive remediation efforts based on the regional depth to groundwater assessment.

SITE BACKGROUND

The Site is associated with oil and gas exploration and production operations and intersects both State Land managed by the New Mexico State Land Office (NMSLO), and Federal Land managed by the Bureau of Land Management (BLM) surface boundaries. The subject release occurred approximately 1 mile northeast of production well, assigned (API 30-025-33356) in Unit I, Section 16, Township 23 South, Range 32 East, in Lea County, New Mexico (32.30250°, -103.67110°) (**Figure 1** in **Appendix A**), as provided on a Corrective Action Form C-141 (Form C-141). On May 24, 2020, a 4-inch poly flowline developed a hole and resulted in approximately 68 barrels (bbls) of produced water to be released onto a Right-Of-Way (ROW). Due to the remote location of the release, no fluids could be recovered. Devon immediately notified the New Mexico Oil and Conservation Division (NMOCD) via email on May 25, 2020, and reported the release on a Form C-141, which was received by the NMOCD June 9, 2020, and was assigned Incident Number nRM2016146439.

SITE CHARACTERIZATION AND PROPOSED CLOSURE CRITERIA

Etech characterized the Site according to Table I in 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.

An initial desktop review referencing the *NMOCD Oil* and *Gas Map* and/or the *USGS National Water Information System: Mapper* indicated a New Mexico Office of the State Engineer (NMOSE) permitted soil boring was drilled by John Scarborough Drilling Inc. (Scarborough Drilling) for Devon on October 21, 2024, located approximately 0.58 miles northeast of the Site (**Figure 1A** in **Appendix A**). The boring was assigned NMOSE file number C-04889 POD 1. Using a truck mounted drill rig equipped with air rotary, the soil boring was advanced to a total depth of 105 feet below ground surface (bgs). No fluids were observed throughout the drilling process. Following the observation period, the boring was plugged and abandoned per the appropriate NMOSE regulations. The boring log is provided in **Appendix B**.

Based on recent (defined by less than 25 years ago from the current year) depth to groundwater measurements of multiple wells and/or soil borings located within approximately 5 miles surrounding the

Characerization Variance Request Tomcat 21 Federal 1 Incident Number nRM2016146439 Site (**Figure 1A** in **Appendix A**), regional depth to groundwater is estimated to be greater than 100 feet bgs. The next closest permitted boring with recent depth to groundwater data is NMOSE permitted boring C-04712 POD 2, located approximately 1.13 miles southwest of the Site. The boring was advanced to a total depth of 55 feet bgs on March 9, 2023. No fluids were observed through the drilling process, or after the 72-hr observation period. The next closest well with recent available data is NMOSE permitted boring C-4815 POD 1, located 1.88 miles northwest of the Site. The boring was advanced to a total depth of 55 feet bgs on April 16, 2024. No fluids were observed through the drilling process, or after the 72-hr observation period. Based on the desktop well review, a total of 15 recent borings including USGS wells, were utilized to estimate depth to groundwater for the Site within a 5-mile radius. The findings indicate that none of these borings show a depth to groundwater of less than 55 feet bgs.

Additional wells and/or soil borings with recent depth to groundwater data supporting a regional depth to groundwater greater than 100 feet bgs exist within the same 5-mile radius of the Site. All referenced boring and/or well records are included in **Appendix B**.

The Site is located within a low karst potential area and all other potential receptors are not within the established buffers defined in NMAC 19.15.29.12. Receptor details from the site characterization are included in **Figure 1B** and **Figure 1C** in **Appendix A**.

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

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria [†]
Chloride	Environmental Protection Agency (EPA) 300.0	20,000 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	2,500 mg/kg
TPH-Gasoline Range Organics (GRO)+ TPH-Deisel Range Organics (DRO)	EPA 8015 M/D	1,000 mg/kg
Benzene	EPA 8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	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.

DEPTH TO GROUNDWATER VARIANCE REQUEST

The closest depth to groundwater data for determining the proposed Site Closure Criteria is a dry boring located 0.58 miles, which is 0.08 miles (422 feet) outside the NMOCD accepted buffer for depth to groundwater determination for Site Characterization. If a boring were to be advanced within a 0.5-mile of the Site, depth to groundwater is anticipated to be greater than 100 feet bgs based on regional depth to groundwater data. Scheduling a soil boring would likely increase the timeline for remediation due to the permitting process and the limited availability of drillers.

Devon believes this proposed variance to accept NMOSE permitted boring C-04889 POD 1 and regional groundwater data for the affiliated Site Closure Criteria is equally protective of groundwater, public health, and the environment. If you have any questions or comments, please do not hesitate to contact Erick Hererra at (432) 305-6416 or erick@etechenv.com or Joseph S. Hernandez at (432) 305-6413 or joseph@etechenv.com.

Characerization Variance Request Tomcat 21 Federal 1 Incident Number nRM2016146439 Sincerely,

Etech Environmental and Safety Solutions, Inc.

Erick Hererra Project Geologist

Ericl #

Joseph S. Hernandez Senior Managing Geologist

cc: Jim Raley, Devon

New Mexico Oil Conservation Division

Bureau of Land Management New Mexico State Land Office

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

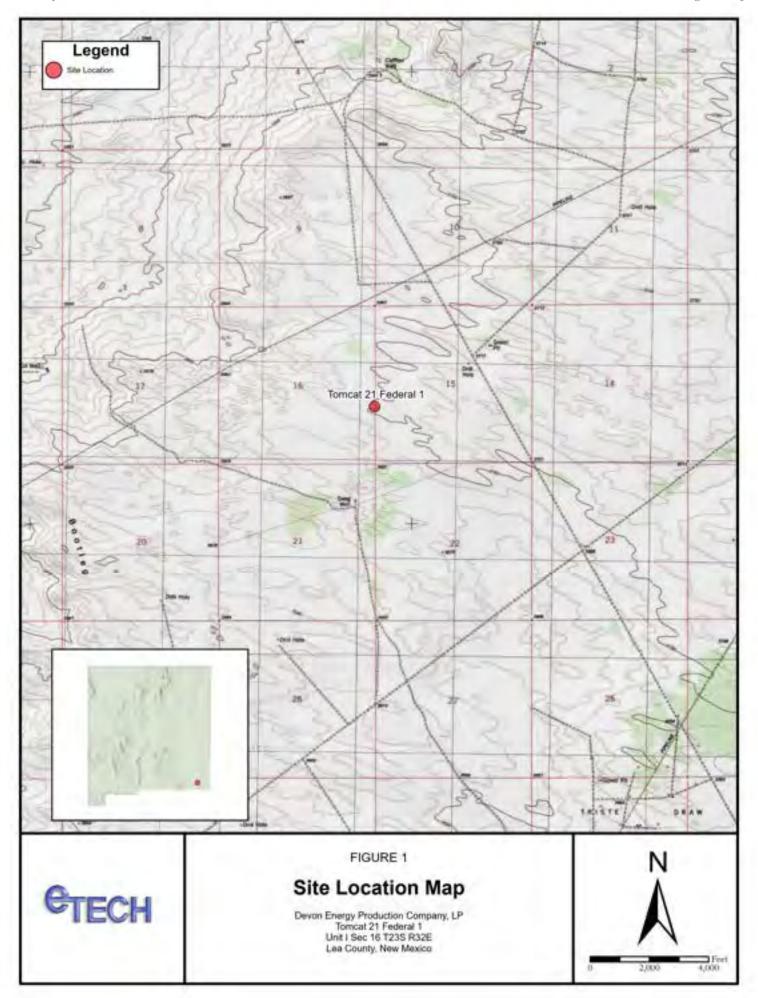
Appendix B: Referenced Well Records

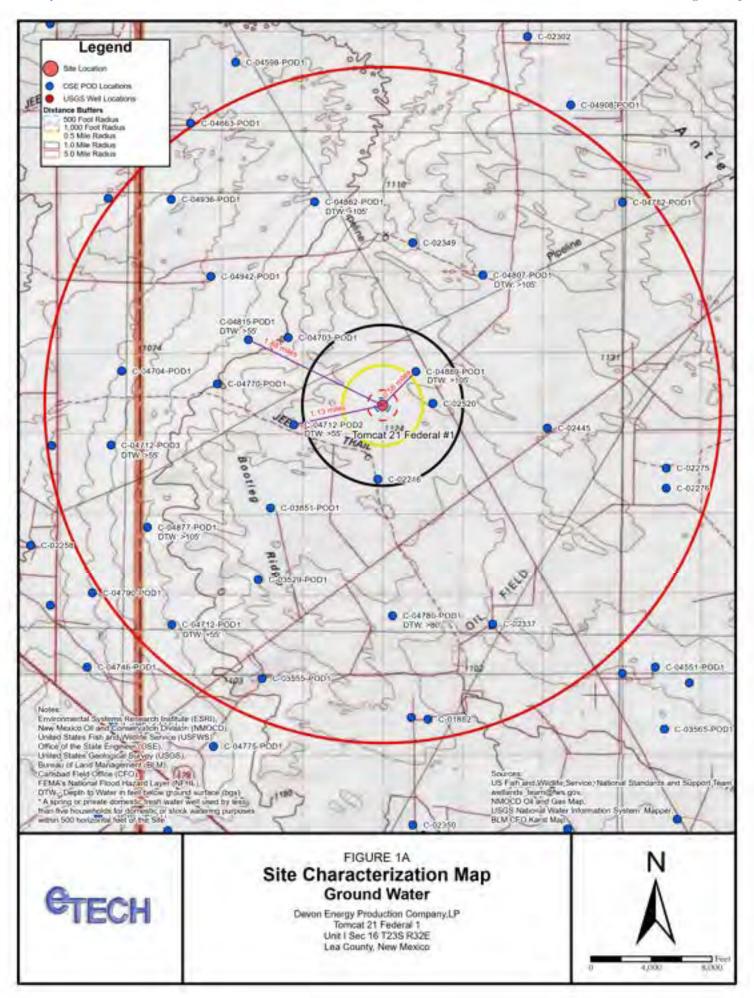
APPENDIX A

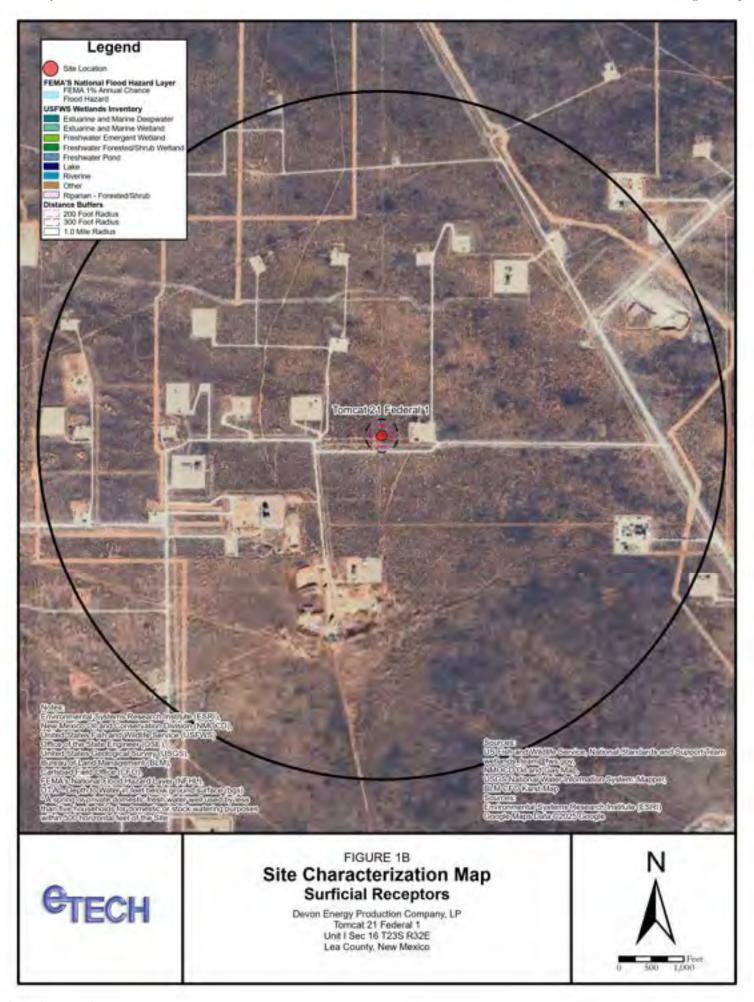
Figures

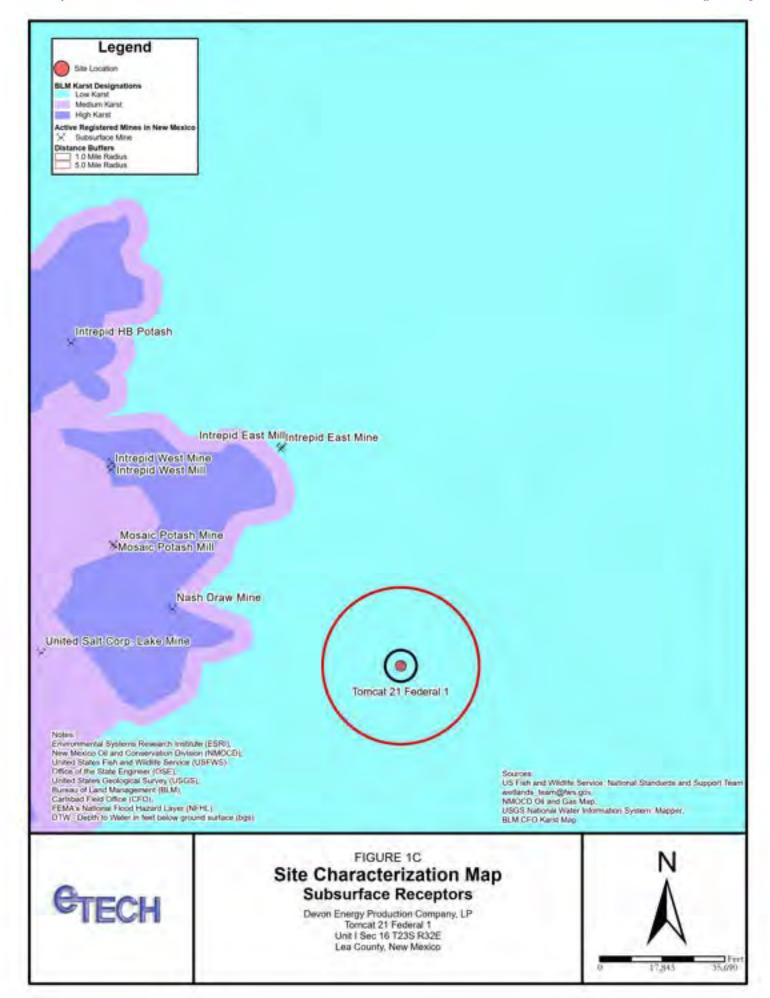
P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213











APPENDIX B

Referenced Well Records

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





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW####
in the POD suffix
indicates
the POD has been
replaced
no longer
serves a water
right file.)

(R=PO
been
replace
co-or
co-or
co-th
closed

(R=POD has been replaced, O=orphaned, C=the file is

(quarters are smallest to

serves a water right file.)	C=the file is closed)			smalle									(meters)		(In feet)	
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	-	Water Column
C 04889 POD1		CUB	LE	SE	NE	NW	15	23S	32E	625771.5	3575426.3	•	949	105		
<u>C 02216</u>		CUB	LE	NE	NE	SE	21	23S	32E	625035.0	3573261.0 *	•	1483	585	400	185
C 04712 POD2		CUB	LE	SE	SE	SE	17	23S	32E	623331.9	3574331.5	•	1827	55		
C 04815 POD1		CUB	LE	NW	SE	SW	80	23S	32E	622391.9	3576025.7	•	3008	55		
C 03851 POD1		CUB	LE	SW	SW	SE	20	23S	32E	622879.6	3572660.0	•	3053	1392	713	679
C 04807 POD1		CUB	LE	NW	NE	NW	11	23S	32E	627099.7	3577375.0	•	3298	105		
<u>C 02349</u>		CUB	ED	SE	NE	SW	03	23S	32E	625677.9	3578003.4	•	3309	525		
C 04780 POD1		CUB	LE	NW	SW	NW	34	23S	32E	625363.6	3570521.7	•	4227	80		
C 04862 POD1		CUB	LE	NE	NW	NW	04	23S	32E	623697.0	3578798.5	•	4296	105	78	27
C 03529 POD1		C	LE	NE	SE	SW	29	23S	32E	622651.2	3571212.5	•	4303	550		
C 04704 POD1		CUB	ED	SW	NE	NE	13	23S	31E	619854.4	3575363.5	•	5295			
C 04877 POD1		CUB	LE	SE	NW	NW	30	23S	32E	620404.8	3572240.0	•	5331	105		
C 04712 POD3		CUB	ED	SE	NW	NE	24	23S	31E	619650.7	3573877.9	•	5530	55		
<u>C 02275</u>		CUB	LE	SW	SW	NE	19	23S	33E	630843.0	3573557.0 *	•	5851	650	400	250
<u>C 02276</u>		CUB	LE	SW	NW	SE	19	23S	33E	630848.0	3573154.0 *	•	5950	650	400	250
C 03555 POD1		C	LE	NE	NE	NW	05	24S	32E	622748.5	3569233.6	•	5994	600	380	220
C 04712 POD1		CUB	LE	NW	SE	NW	31	23S	32E	620917.2	3570289.2	•	6118	55		
C 03527 POD1		C	LE	NW	NE	SW	03	24S	32E	625769.7	3568487.2	•	6289	500		
C 04774 POD1		CUB	ED	SE	NE	NE	23	23S	31E	618456.0	3573856.4	•	6715	105		
C 04663 POD1		CUB	LE	SW	NW	NE	31	22S	32E	621181.3	3580341.4	•	6841	110		
C 04726 POD1		CUB	ED	NW	NW	SE	01	23S	31E	619538.3	3578821.3	•	6907			
C 04790 POD1		CUB	ED	SE	SE	SW	25	23S	31E	619309.4	3570904.8	•	6957	55		
C 04598 POD1		CUB	LE	NE	SW	NW	29	22S	32E	622069.2	3581570.2	•	7475	56		
C 04712 POD4		CUB	ED	NW	SE	SW	14	23S	31E	617535.4	3574316.2	•	7589	55		
C 04551 POD1		CUB	LE	SE	SE	SW	31	23S	33E	630671.0	3569556.5	•	7601			
<u>C 02258</u>		С	ED		SW	NE	26	23S	31E	618055.0	3571853.0 *	•	7626	662		
C 04775 POD1		CUB	LE	SE	SE	SE	06	24S	32E	621789.3	3567860.4	•	7642	105		
<u>C 02277</u>		CUB	LE	NE	SW	SE	20	23S	33E	632663.0	3572970.0 *		7755	550	400	150
C 04855 POD1		CUB	ED	NE	SW	SW	11	23S	31E	617417.6	3575936.7	•	7787	105		
C 04746 POD1		CUB	ED	SW	SE	SW	36	23S	31E	619225.7	3569417.8	•	7937	105		

Average Depth to Water: 395 feet

Minimum Depth: 78 feet

Maximum Depth: 713 feet

Record Count: 30



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LOCATION

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1	10	20	10	Sand with Gravel, Light Brown to	im, Medium to Course with Gravel	4 /N	
ŀ		30	10	Gravel with Sand, White to Tan, Sa	sall to Large with Medium to Course	Y YN	
-	20	40	10	Sand with Ciravel, Medium to Light	Brown, Course to Fine with Cravel	Y /N	
	30	50	10	Sand with Gravel, Light Brown to	Tim, Course to Fine with Gravel	Y /N	
	40	60	10	Silty Sand, Light Brown to	Red, Coarse to Very Fine	Y VN	
3	50	70	10	Inter-bedded Sandstone and Sand,	Medium Brown, Medium to Course	YIN	
THE THE PROPERTY OF THE PERTY O	60	80	10	Clayey Sand, Dark to Medium I	Brown, Medium to Fine Grained	Y VN	
3	70	90	10	Clavey Sand, Dark to Medium I	Brown, Medium to Fine Grained	Y /N	
3	80	100	10		n Brown, Medium to Fine Grained	Y /N	
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-	100	- 11	0		, Coarse to Fine Grained	Y IN	
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	PUMP	-		BAILER OTHER - SPECIF	Y:	WELL YIELD (gpm):	0.00
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TERIA	FROM	10	DAM. (menes)	*(if using Centralizers for Artesian wells, indicate the specing fedom)			(culse feet)	PLACES	MENT		
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WELL TAG ID NO.

PAGE 1 OF 2

LOCATION Man 23. 32. 17.444

PAGE 2 OF 2

WELL TAG ID NO.

	DEPTH (fe	et bgl)	THICKNESS	COLOR AND TYPE OF MATERIAL ENCOUNTERED -	WATER	YIELD FOR
Ì	FROM	то	(feet)	(attach supplemental sheets to fully describe all units)	(YES / NO)	WATER- BEARING ZONES (gpm
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_	Птем	LI.	in in i	british activity.		
	WELL TEST			CH A COPY OF DATA COLLECTED DURING WELL TESTING, INCL IE, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER		
S. TESTERIG SUPERVISION	MISCELLAN	EOUS IN	FORMATION:	rugged no water	+ 35	
100	PRINT NAM	E(S) OF D	RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONST	RUCTION OTHER TH	IAN LICENSEI
0		eresona	HERERY CERTIF	ES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIE		S A TRUE AN
de Statemente	CORRECT R	ECORD C	OF THE ABOVE D	ESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RED DAYS AFTER COMPLETION OF WELL DRILLING:	3/24/2	

LOCATION Vien 23.32.17.44/4

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:

743189

File Nbr:

C 04712

Well File Mbr: C 04712 POD2

Apr. 04, 2023

VERTEX RESOURCES P.O. BOX 936 ROSWELL, NM 88202

Greetings:

The above numbered permit was issued in your name on 02/21/2023.

The Well Record was received in this office on 04/04/2023, stating that it had been completed on 03/09/2023, 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 02/21/2024.

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

Sincerely,

Maret Thompson (575)622-6521

drywell



No	OSE POD NO 1WI	P	DD/	W	BLL TAG ID NO			C-4815-POL					
SCATI	WELL OWNER NAME(S) Devon Energy Resources						HIONE (OPTIONAL) CITY STATE 2IF Hobbs NM 88240						
AND WELL LOCATION	WELL OWNER MAILING ADDRESS 205 E. Bender Road #150												
GENERAL AND	LOCATION LATITUDE						* ACCURACY REQUIRED ONE TENTH OF A SECOND						
	DESCRIPTION R	1	KULLUDE	-103 STREET ADDRESS	103 41 59.4 W * DATEM REQUIRED: WISS 84 TREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIRP, RANGE) WITHER AVAILABLE				LÁBLE				
1.0	SPACE TO A STANDARD STANDARD TO STREET TOURSESS AND COMMON CONTRIBUTES - FLASS STANDARD CONTRIBUTES AND STANDARD STANDAR												
	LICENSE NO 1833		NAME OF LICENSED		ason Maley				NAME DE SO		LLING CO		
	4-16-24 DRILLING ENDED 4-16-24			DESCRIPTION COMP	23. TELED MEIT IL	7) 80	REIB	SS'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A				
×	COMPLETED WI	11.18	ARTESIAN field	P DRY HOLE	☐ SHALL	W (UNCONFI	NED)		WATER LEVEL OF DATE STATIC MEASU PLETED WILL OF 4-16-24				
110	DRULLING FELIER TO AM. MUD ADDITIVES - SPECIEV												
DRMA	DRILLING METHOD F ROTARY HAMMER CABLE TOOL DITOR - SPECIFY-						CHECK HER! IF PITLESS ADAPTER IS DISTALLED						
& CASING INFORMATION	PROM FROM	TO TO	DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each ensing string, and		CON	ASING NECTION TYPE	CASIN INSIDE D (inches	EAM.	THIC	KNESS schee)	SLOT SIZE (inches	
5	- 0	45	- 6	note sections of screen) PVC 2" SCH40		- 10	_	pling diameter). Dirend	2"	_	Si	CH40	N/A
ING	45	55	6.	PVC 2" SCH40		=	-	Thread	2"		Se	CH40	112
DRITTING													
ri.									03E 00	LEFF	2520	24142.37	
						-							
13		0.77		LISTANSIA	AR SEAL MATE	RIAL AND I	MAVE	L PACK SIZE		-/			
3	-	DEPTH (feet bgl) BORE HOLE DIAM, (inches)			RANGE BY INTERVAL			AMOUNT METHOD (cubic feet) PLACEM					
3. ANNULAR MATERIAL	FROM.	10	Programmy	"filf using Centr	*(if using Centralizers for Artesian wells- indicate the specing below. None pulled and plugged			e teorine heles)	Journ	- mel)			
	-										-		
SALLA													
XA													
trop	OSE INTERNA	LUSE	1	-				WR-2	0 WELL RE	CORD	6 LOG (*	Venum (Fa/2	2/2022)

	DEPTH (6	oot fig()		CVII OR A	NO TYPE OF MAT	CHIAL E	NCOUNTERED.	100	TER	ESTIMATED
	FROM	70	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)			BEA	RING? S/NO)	WATER- BEARING ZONES (gpm)	
	0	10	10		Brown sand w	ith calich		Y	√N.	
	10	30	20'		Tan fine sand wi	thomall s	ock	Y	√N	
	50	55	25'		Tan fine	sand		Y	√N.	
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+ at the control of the the								Y	N	
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					WELL YIEL		0			
	WELL TES	WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.								
S. TEST; RIG SUPERVISION	MISCELLANEOUS INFORMATION: 25€ OU FIRE 25 2024 = 2:37									
3	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE.									
1	Jason Maley									
6.SIGNATURE	CORRECT I	B M	OF THE ABOVE D	ESCRIBED HOLE © DAYS AFTER CO	AND THAT HE OR IMPLETION OF WE Jason Maley	SHE WII	OWLEDGE AND BEL 1. FILE THIS WELL I LING:	EF, THE FOR	REGOING H THE ST	IS A TRUE AN ATE ENGINEE
11.0	E contribution						purp the surr	II DECORD	e 100 av	crsion (8/22/202
_	ENO CO	DUSE			POD NO.	1	TRN NO.	7574		craken instal 202
FU	E 1950 A 1954				1 1000 1100		Parent Parent	1 1 1 1 1	71.	

Mike A. Hammen, P.E. State Engineer



ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nor: 757440 File Whr: C 04815

Well File Nor: C 04815 POD1

Apr. 25, 2024

CHANCE DIXON
VERTEX RESOURCE SERVICES INC
3101 BOYD DRIVE
CARLEBAD, NM 88220

Greetings:

The above numbered permit was insued in your name on \$3/16/2024.

The Well Record was received in this office on 04/25/2024, stating that it had been completed on 04/16/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 MMAC.

Please note that another well can be drilled under this permit if the well to completed and the well log filed on or before 03/14/2025.

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

Sincerely,

Rodolfo Chavez (\$75)622-6521

drywell

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 497402

QUESTIONS

Operator:	OGRID:			
DEVON ENERGY PRODUCTION COMPANY, LP	6137			
333 West Sheridan Ave.	Action Number:			
Oklahoma City, OK 73102	497402			
	Action Type:			
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)			

QUESTIONS

Prerequisites		
Incident ID (n#)	nRM2016146439	
Incident Name	NRM2016146439 TOMCAT 21 FEDERAL #1 @ 30-025-33356	
Incident Type	Produced Water Release	
Incident Status	Remediation Plan Received	
Incident Well	[30-025-33356] TOMCAT 21 FEDERAL #001	

Location of Release Source			
Please answer all the questions in this group.			
Site Name	TOMCAT 21 FEDERAL #1		
Date Release Discovered	05/24/2020		
Surface Owner	Federal		

ncident Details		
Please answer all the questions in this group.		
Incident Type	Produced Water Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release			
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.		
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 68 BBL Recovered: 0 BBL Lost: 68 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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 497402

QUESTI	ONS (continued)		
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137		
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 497402		
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)		
QUESTIONS			
Nature and Volume of Release (continued)			
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.		
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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.	e. gas only) are to be submitted on the C-129 form.		
Initial Response			
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury. I		
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.		
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.		
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require uses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or		
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 08/20/2025		

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 Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

Action 497402

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	497402
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (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 ar	nd 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 ½ and 1 (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	Greater than 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	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be	provided to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil co	ontamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineate	ed Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for e	each, in milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	6130
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B	3) 0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report include which includes the anticipated timelines for beginning and completing the remediatio.	es completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC n.
On what estimated date will the remediation commence	10/31/2025
On what date will (or did) the final sampling or liner inspection occur	06/24/2025
On what date will (or was) the remediation complete(d)	10/31/2025
What is the estimated surface area (in square feet) that will be reclaime	d 4831
What is the estimated volume (in cubic yards) that will be reclaimed	716
What is the estimated surface area (in square feet) that will be remediate	ted 4831
What is the estimated volume (in cubic yards) that will be remediated	716

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 4

Action 497402

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	497402
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	
2- 0.b		

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

Name: James Raley Title: EHS Professional I hereby agree and sign off to the above statement Email: jim.raley@dvn.com Date: 08/20/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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 5

Action 497402

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	497402
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 6

Action 497402

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	497402
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	476406
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/25/2025
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	1000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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

CONDITIONS

Action 497402

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	497402
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved as written except with the following conditions; 1. Prior to backfilling the open excavation per 19.15.29.12D (2) NMAC, EOG must collect a minimum of one (1) 5pcs from the media being used as backfill to verify that it meets 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. This is especially important for the material being used within the top four (4) feet from the ground surface. 2. Devon has 90-days (December 4, 2025) to submit to OCD its appropriate or final remediation closure report.	9/5/2025