

CLOSURE REQUEST REPORT

Prepared For:

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

Site Information:

Cochiti 28 Federal #001
Incident Number nRM2014059324

Unit L, Section 34, Township 24 South, Range 33 East

Lea County, New Mexico

(32.17200, -103.56590)

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

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy Production Company, LP (Devon), presents the following Closure Request Report (CRR) detailing delineation soil sampling and confirmation soil sampling activities associated with an inadvertent release of produced water at the Cochiti 28 Federal #001 (Site). Based on laboratory analytical results for delineation soil sampling indicating the potential absence of residually impacted soil and furthermore through subsequent confirmation soil sampling activities at the Site, Devon respectfully requests No Further Remedial Action (NFRA) for Incident Number nRM2014059324.

SITE LOCATION AND RELEASE BACKGROUND

The Saltwater Disposal (SWD) well, (API 30-015-30113) for this Site is associated with oil and gas exploration and production operations on Federal managed by the Bureau of Land Management (BLM), located (32.2777977°, -103.996315°) as provided on the initial Corrective Action Form C-141 (Form C-141). The subject release is located 26 miles south of the plugged SWD well (32.17200°, -103.565900°) C-141 point of reference on State Land managed by the State Land Office (SLO), which is depicted on **Figure 1** in **Appendix A**.

On April 29, 2020, a truck driver struck a produced water poly line which caused the release of approximately 206.26 barrels (bbls) of produced water onto an access roadway and Right of Way (ROW). A nearby hydrovac was able to begin recovery immediately upon Site arrival and recovered approximately 137.50 bbls of fluid. Devon immediately notified the New Mexico Oil and Gas Conservation Division (NMOCD) and SLO via email on April 30, 2020, following the release discovery, and reported the release on a C-141, which was received by the NMOCD on May 20, 2020, and was assigned Incident Number nRM2014059324. **Figure 2** in **Appendix A** depicts the estimated release area, hereafter referred to as the Area of Concern (AOC), based on information provided on the Form C-141.

On October 29, 2024, a Sampling Variance Request (SVR) was submitted to the NMOCD, and SLO, requesting a sampling variance for 5-point composite confirmation soil samples to represent a maximum of 1,000 square feet (sqft) from the AOC footprint and 200 sqft from the edges of the AOC. The request was conditionally approved on October 29, 2024, by the NMOCD for 400 sqft from the AOC, and 200 sqft from the edges, but was denied by the SLO on October 30, 2024, due to the Site being located near a biologically sensitive area for Lesser Prairie Chicken occupied range, and near a mapped Scheer's Beehive Cactus.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

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

Closure Request Report Incident Number nRM2014059324 Cochiti 28 Federal #001

A 100-year floodplain.

As summarized in the SVR report, depth to groundwater at the Site is estimated to be between 51 and 100 feet below bgs, based off a nearby soil boring advanced by Enviro-Drill, Inc. located approximately 0.95-mile east of the Site. Soil boring (C-03603-POD6) was advanced on January 13, 2013, via a truck mounted drill rig equipped with a hollow stem auger to total depth of 75 feet bgs. No fluids were observed throughout the drilling process, and the boring was plugged and abandoned according to the appropriate regulations. The soil boring location may be referenced on **Figure 1A** in **Appendix A**. The well log and plugging record for the referenced soil boring are included in **Appendix B**.

All other potential receptors are not within the established buffers 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 no recent data from groundwater wells and/or borings within 0.5 mile from the Site, the following Closure Criteria were applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria [†]
Chloride	Environmental Protection Agency (EPA) 300.0	600 milligram per kilogram (mg/kg)
TPH (Total Petroleum Hydrocarbon)	EPA 8015 M/D	100 mg/kg
Benzene	EPA 8021B/8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B/8260B	50 mg/kg

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

CULTURAL PROPERTIES PROTECTION RULE AND BIOLOGICAL AREAS

To comply with the requirements set by the SLO Cultural Properties Protection (CPP) Rule, (19.2.24 NMAC), Etech, on behalf of Devon, contracted Lone Star Mountain Archaeological Services, Inc. (Lone Mountain) to conduct an Archaeological Records Management Section (ARMS) review, of the Area of Potential Effect (APE), covering approximately 4.57 acres on SLO managed land. The entire APE was previously surveyed under New Mexico Cultural Resource Investigation (NMCRIS) Activity Number 139359.

Previous cultural surveys yielded negative for archaeological sites, and/or historic properties within the APE buffer. Based on the ARMS review, Lone Mountain concluded that an intensive pedestrian survey was not applicable. A Right-of-Entry Permit (ROE) was submitted to the Commissioner of Public Lands on September 10, 2024, and Right-of Entry Permit No: RE-7214, was subsequently approved on September 26, 2024. The Cultural Resources Cover Sheet (CRC) letter is included in **Appendix C**.

A desktop review was conducted according to the U.S Fish and Wildlife Service (USFWS) and National Marine Fisheries Services (NMFS), identified the Lesser Prairie-chicken (*Tympanuchus pallidicinctus*), which is classified as Endangered in Lea County (**Appendix D**). According to the USFWS, a critical habitat has not been designated for the Lesser Prairie-chicken, within the Site location, or the immediate vicinity but overlaps within the APE (**Figure 1D** in **Appendix A**). No work involving the use of heavy equipment was utilized during the period of March 1st through June 15th. A special status plant species (SSPS) survey was not conducted for Scheer's Beehive Cactus (*Coryphantha robustispina var. scheeri*) due to the proximity of the nearest known occurrence, located approximately 0.4 miles from the Site (**Figure 1D** in **Appendix D**), therefore, Devon does not assume displacement of the species.

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DELINEATION SOIL SAMPLING ACTIVITIES

On October 18, 2024, Etech evaluated the AOC based on information provided by Devon on the Form C-141, and visual observations estimated by apparent vegetative stress via handheld Global Positioning System (GPS). Seventeen delineation locations (PH01 through PH17) were advanced via backhoe within and around the identified AOC. Delineation activities were driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. 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 descriptions are included on soil sampling logs shown 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.

DELINEATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all delineation soil samples indicated all analyzed COCs were below the Site Closure Criteria. 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**.

CONFIRMATION SOIL SAMPLING ACTIVITIES

On October 31, 2024, Etech collected 5-point composite confirmation soil samples throughout the AOC footprint (FS01 through FS117), and along the edge of the AOC (SW01 through SW06), representing no more than 200 sqft per soil sample. The confirmation soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. Confirmation soil samples were field screened, handled, and analyzed as previously described. The locations of the confirmation soil samples are shown in **Figure 3** in **Appendix A**. Photographic documentation during soil sampling activities is included in **Appendix F**.

CONFIRMATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated that concentrations of COCs for all confirmation soil samples and were below the applicable Site Closure Criteria and/or reclamation standard. Laboratory analytical results are summarized in **Table 1** included in **Appendix G**.

RECLAMATION

NMSLO Seed Mix for Sandy Loam (SL) will be hand-broadcasted over the identified area(s) void of vegetation and/or indicative of vegetative stress in the next favorable growing season following SLO guidelines (**Figure 4**). The selected seed blend will provide the maximum results of vegetation regrowth and ground surface coverage to match pre-existing conditions at the Site (**Appendix I**). Site inspections will be performed annually to assess the revegetation progress and evaluate the Site for the presence or absence of primary and/or secondary noxious weeds. If no growth is shown within a year of the next favorable growing season, the Site conditions will be reassessed, and Devon will reevaluate revegetation efforts accordingly. If noxious weeds are identified, Devon will address them accordingly.

CLOSURE REQUEST

Based on laboratory analytical results, concentrations of COCs for all delineation and confirmation soil samples were below the Site Closure Criteria and/or reclamation standard. As such, NFRA appears

Closure Request Report Incident Number nRM2014059324 Cochiti 28 Federal #001 warranted until the next favorable growing season and this CRR associated with Incident Number nRM2014059324 should be respectfully considered for Closure by the NMOCD and SLO.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (432) 305-6413 or joseph@etechenv.com or Erick Herrera at (432) 305-6416 or erick@etechenv.com. Appendix K provides correspondence email notification receipts from NMOCD and NMSLO associated with the subject release. Previously submitted SVR report can be referenced in Appendix L.

Sincerely,

Etech Environmental and Safety Solutions, Inc.

Erick Herrera Project Geologist Joseph S. Hernandez Senior Managing Geologist

CC:

Jim Raley, Devon

New Mexico Oil Conservation Division

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

Figure 1D: Site Characterization Map – Surficial Receptors Biological

Figure 2: Delineation Soil Sample Locations

Figure 3: Confirmation Soil Sample Locations

Figure 4: Future Restoration Areas

Appendix B: Referenced Well Records

Appendix C: NMSLO Cultural 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: NMSLO Sandy Loam Site Seed Mixture

Appendix K: Correspondence & Notifications

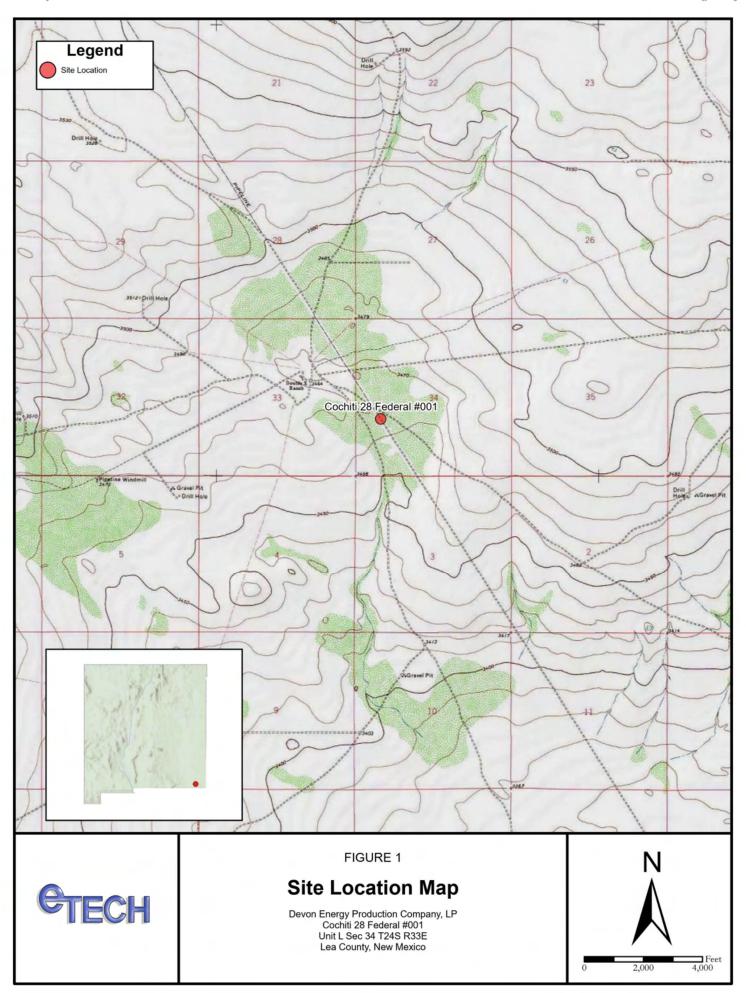
Appendix L: Archived Reports

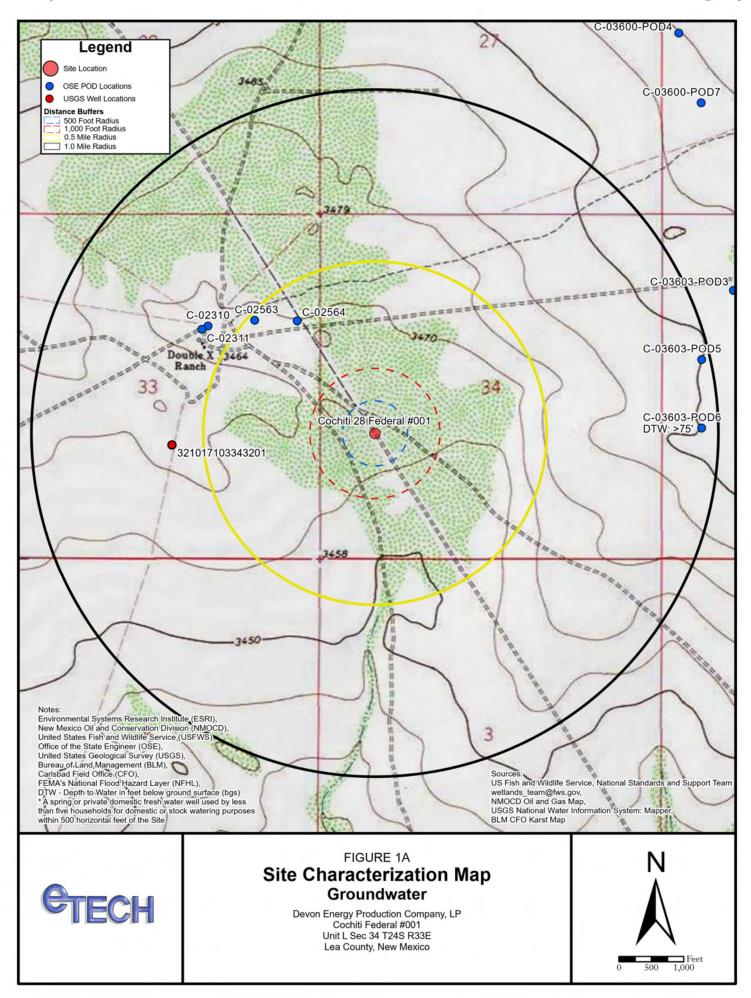
APPENDIX A

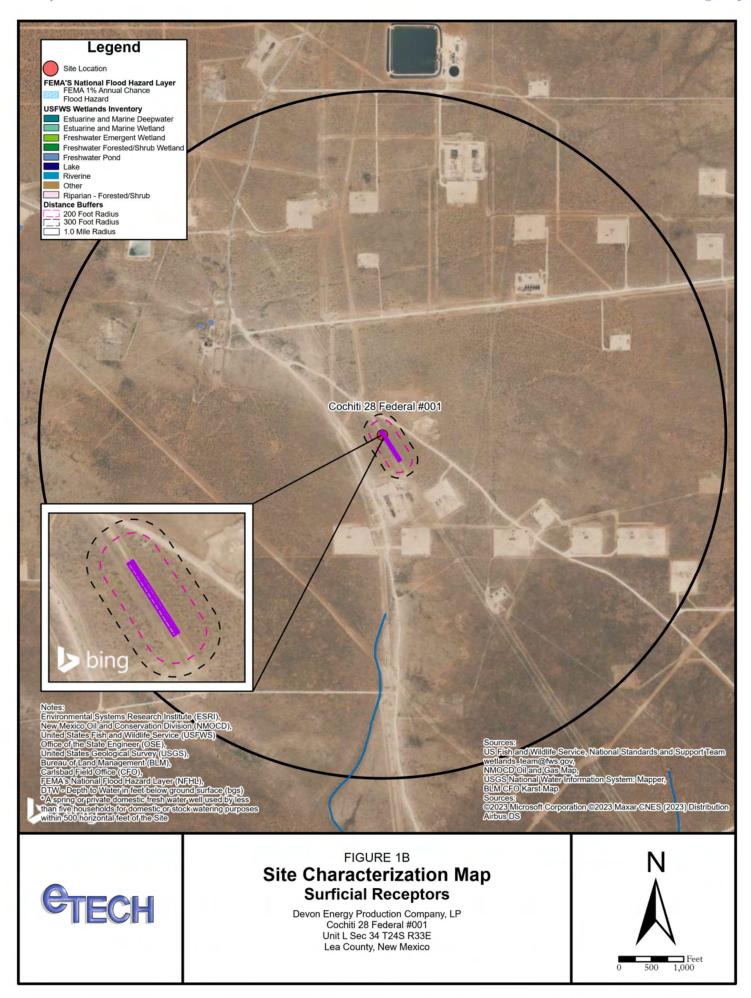
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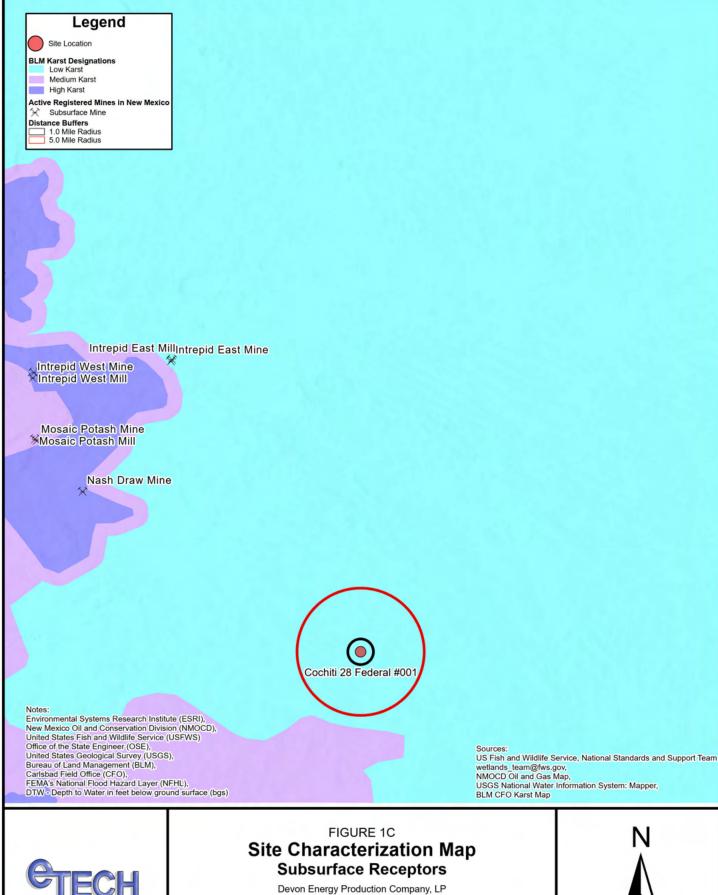
P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213





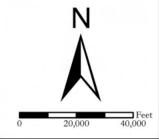


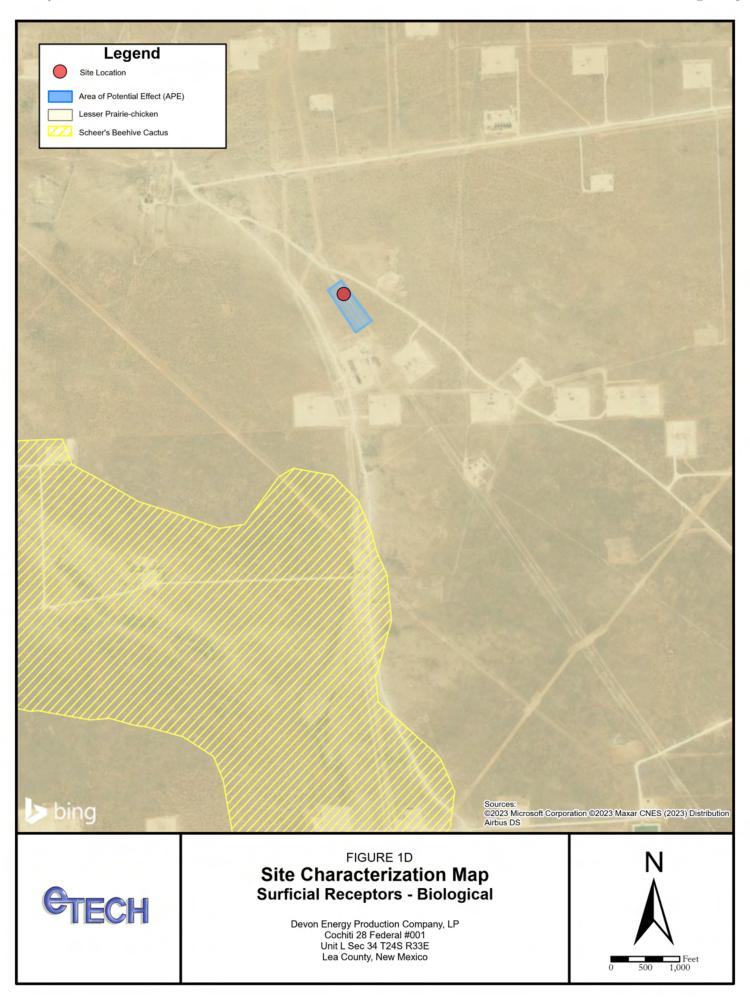


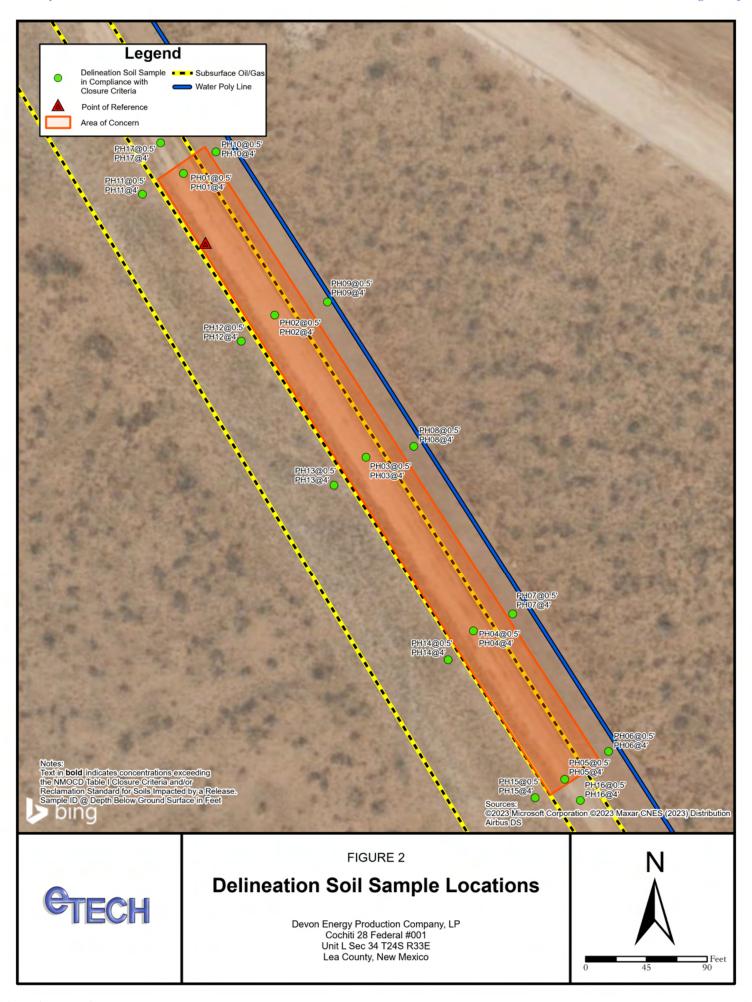




Devon Energy Production Company, LP Cochiti 28 Federal #001 Unit L Sec 34 T24S R33E Lea County, New Mexico







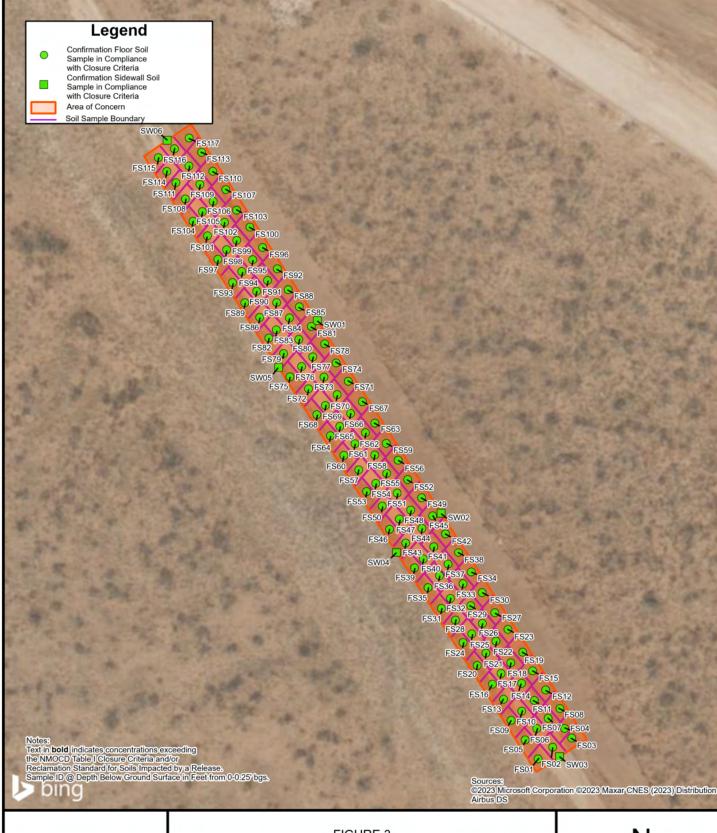
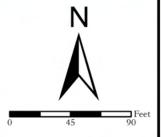


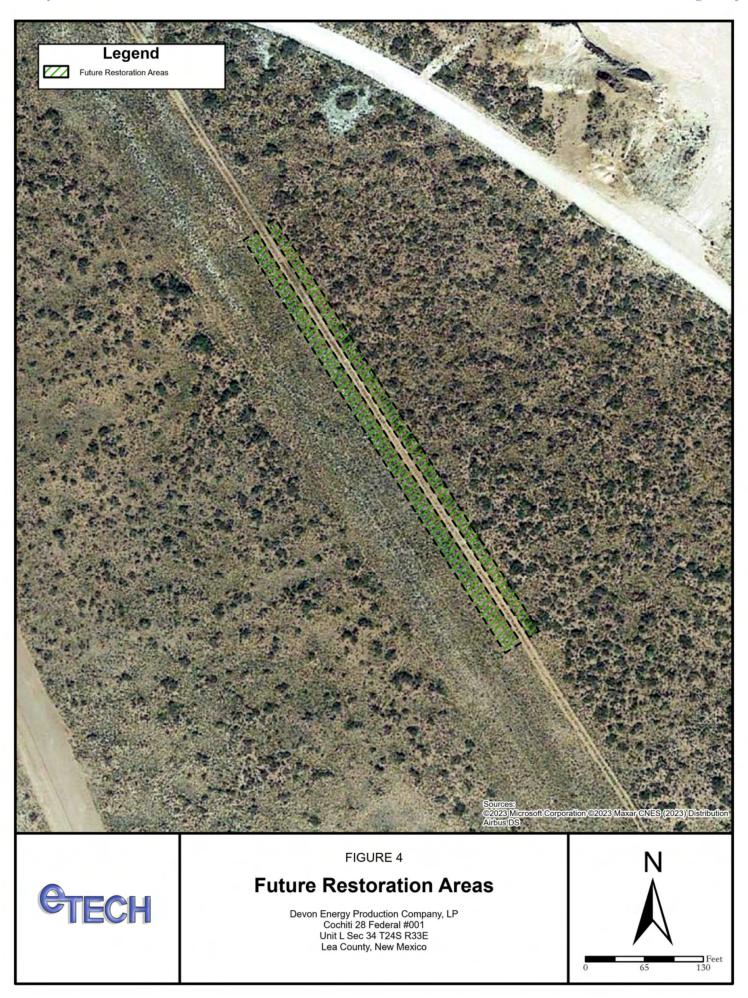


FIGURE 3

Confirmation Soil Sample Locations

Devon Energy Production Company, LP Cochiti 28 Federal #001 Unit L Sec 34 T24S R33E Lea County, New Mexico





APPENDIX B

Well Reference Records

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





New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

POD Number Q64 Q16 Q4 Sec Tws Rng

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Well Tag C 02310 NA

24S 33E

634420 3560893

Driller License:

Driller Company:

Driller Name:

UNKNOWN

01/01/1890 **Drill Finish Date:** 12/31/1890

Plug Date:

Drill Start Date: Log File Date:

PCW Rcv Date:

Source:

Pipe Discharge Size:

Pump Type: Casing Size:

Depth Well: 8.50

120 feet

Depth Water:

Estimated Yield: 60 GPM

70 feet

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/17/23 7:44 AM

POINT OF DIVERSION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

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LOCATION T245-R33E- Sec 35.3/3 PAGE 1 OF 2											

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FILE NUMBER C-3603 POD NUMBER 6 TRN NUMBER

LOCATION T243-R33E-Sec.35.313 PAGE 2 OF 2

APPENDIX C

NMSLO Cover Sheet

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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:

Project Details:

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

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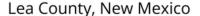


IPaC resource list

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.

Location





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

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus	Candidate
Wherever found	1
No critical habitat has been designated for this specie	es.
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

There are no documented cases of eagles being present at this location. However, if you believe eagles may be using your site, please reach out to the local Fish and Wildlife Service office.

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 conservation 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

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</u>, <u>banding</u>, <u>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 a BCC species in that area, an eagle (<u>Eagle Act</u> requirements may apply). To see a list of all birds potentially present in your project area, please visit the <u>Rapid Avian Information Locator (RAIL) Tool</u>.

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

The Migratory Bird Resource List is comprised of USFWS <u>Birds of Conservation Concern (BCC)</u> and other species that may warrant special attention in your project location.

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</u>, <u>banding</u>, <u>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 a BCC species in that area, an eagle (<u>Eagle 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, please visit the Rapid Avian Information Locator (RAIL) Tool.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the <u>Eagle Act</u> should such impacts occur. Please contact your local Fish and Wildlife Service Field Office if you have questions.

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Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats³ should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "Supplemental Information on Migratory Birds and Eagles".

- 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/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation 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

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the PROBABILITY OF PRESENCE SUMMARY below to see when these birds are most likely to be present and breeding in your project area.

NAME BREEDING SEASON

Chestnut-collared Longspur Calcarius ornatus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 1 to Aug 10

Ferruginous Hawk Buteo regalis

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/6038

Breeds Mar 15 to Aug 15

Northern Harrier Circus hudsonius

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8350

Breeds Apr 1 to Sep 15

Pectoral Sandpiper Calidris melanotos

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds elsewhere

Sprague's Pipit Anthus spragueii

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8964

Breeds elsewhere

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

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 year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

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

1. 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.

- 2. 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.
- 3. 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.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

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 (I)

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. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

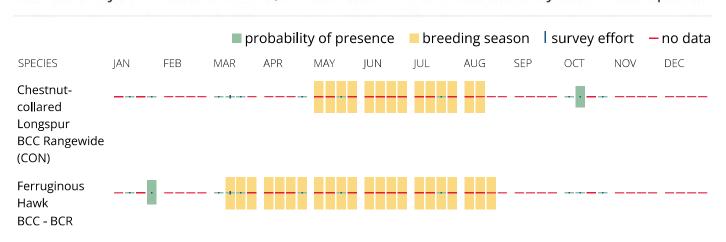
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

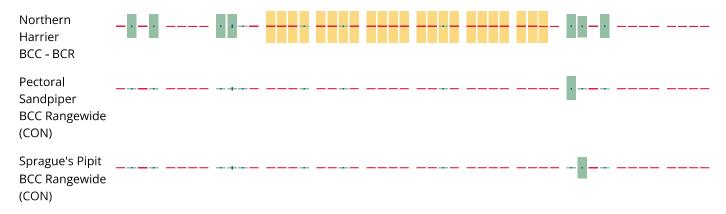
No Data (-)

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.





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

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding 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 USFWS <u>Birds of Conservation Concern (BCC)</u> and other species that may warrant special attention in your project location.

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) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (<u>Eagle 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, please visit the <u>Rapid Avian Information Locator (RAIL) Tool</u>.

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</u>, <u>banding</u>, <u>and citizen science datasets</u>.

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 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 year-round), you may query your location using the <u>RAIL Tool</u> and look at 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 migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, 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:

- "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>Eagle 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 try 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 eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

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 <u>Northeast Ocean Data Portal</u>. 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 <u>NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.</u>

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the <u>Diving Bird Study</u> and the <u>nanotag studies</u> or contact <u>Caleb Spiegel</u> or <u>Pam Loring</u>.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to <u>obtain a permit</u> to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

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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 also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). 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 is not perfect; 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 helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

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.

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

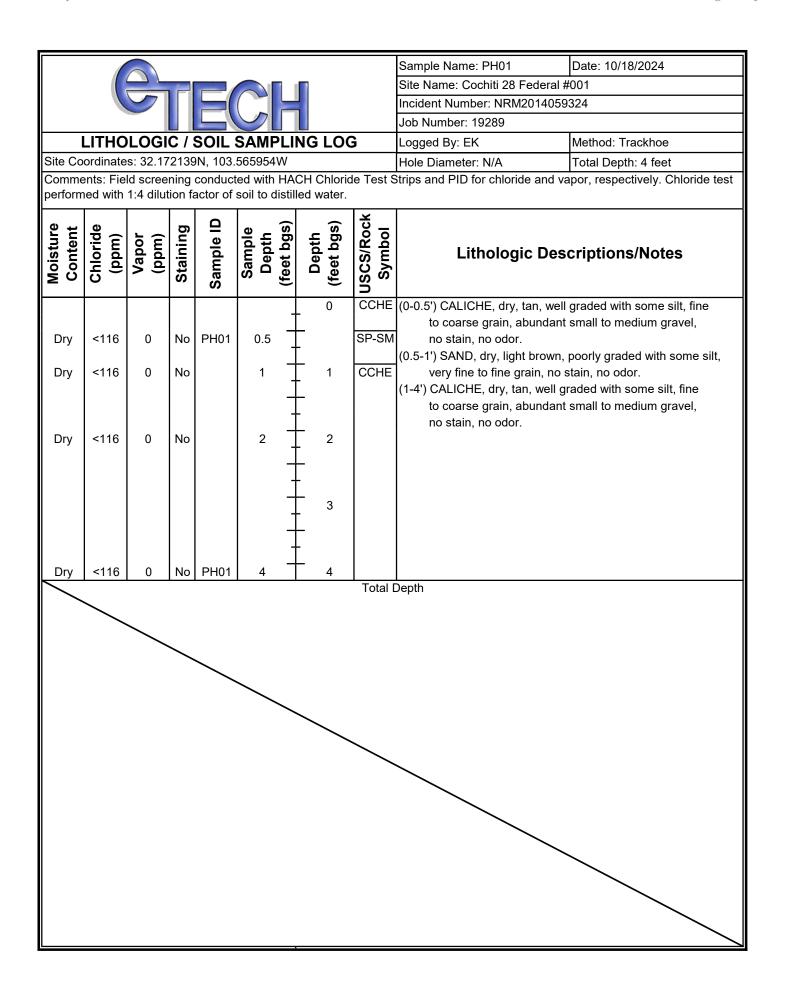
Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, 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.

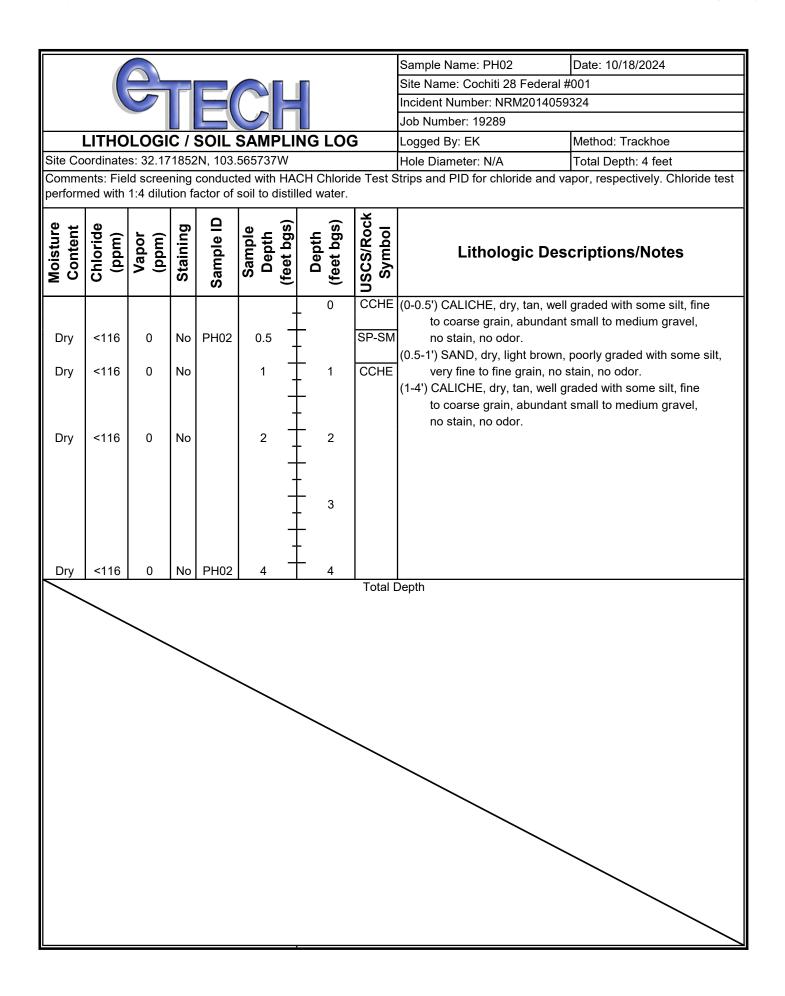
APPENDIX E

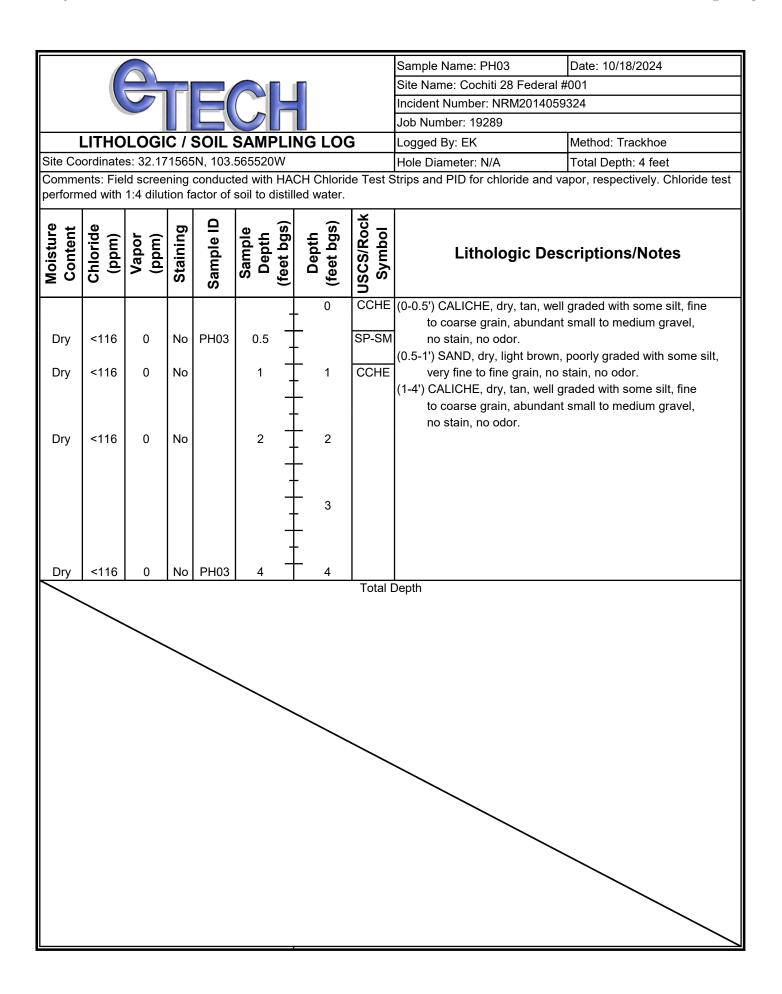
Soil Sampling Logs

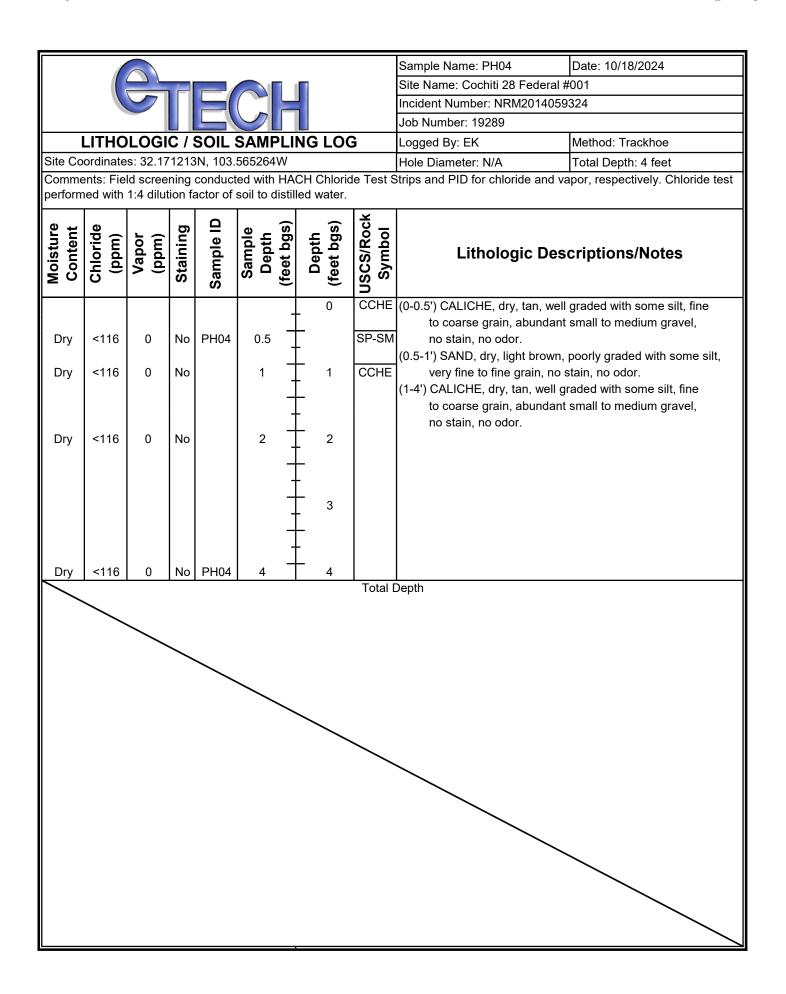
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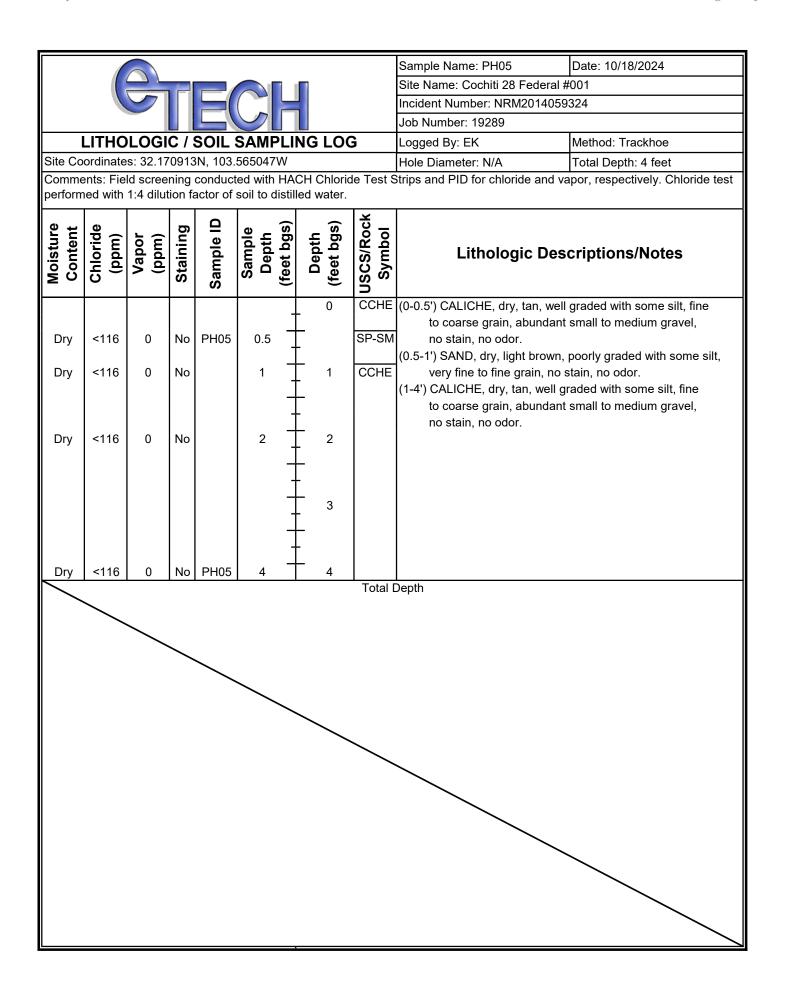


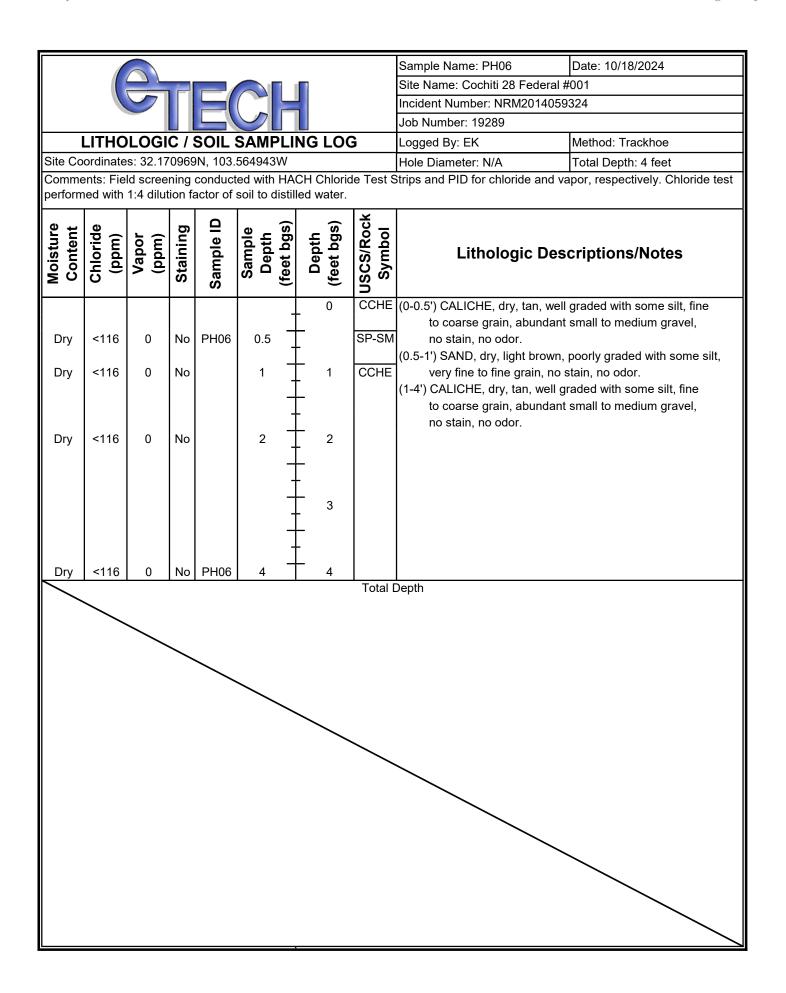


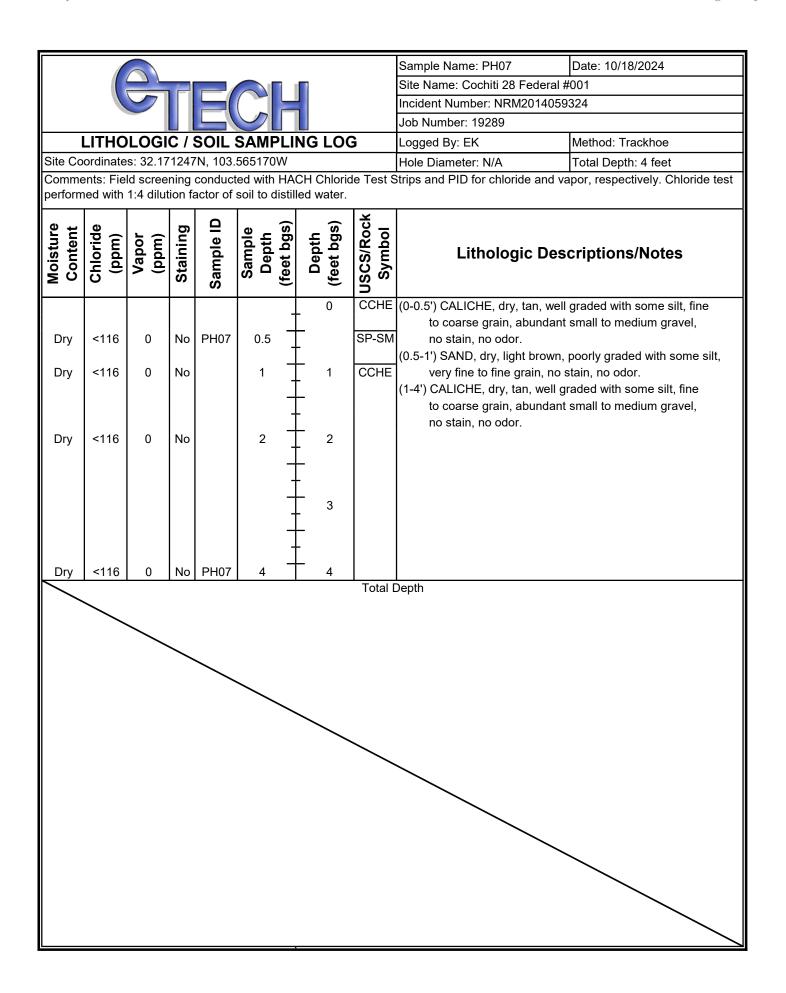


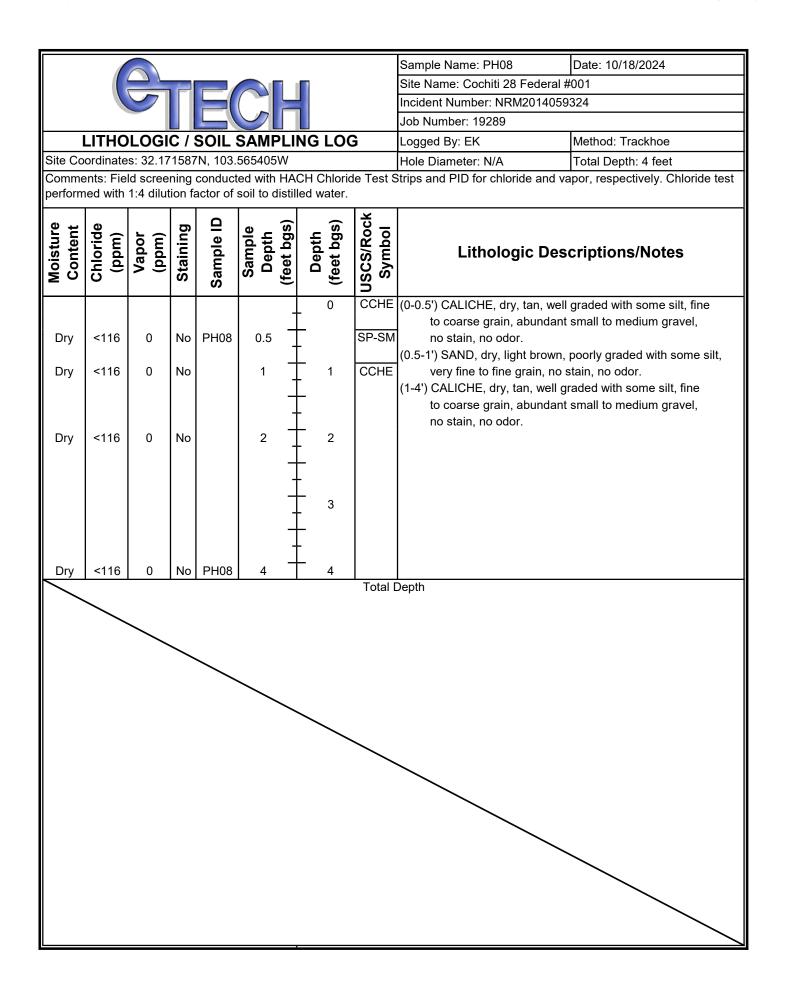


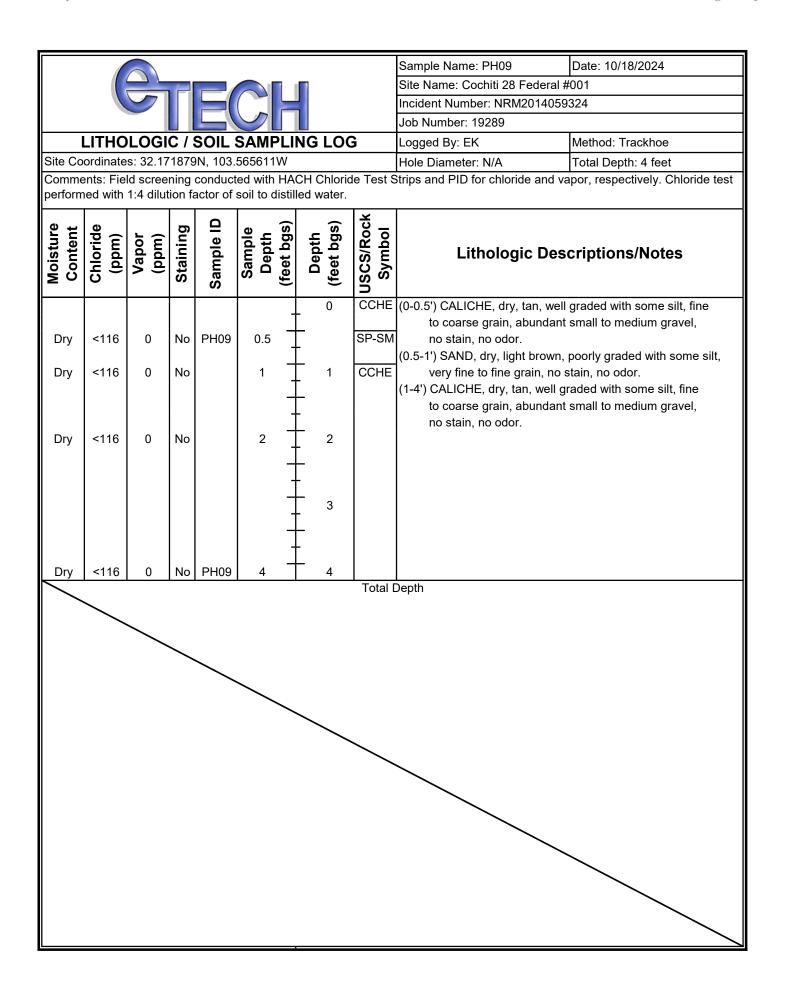


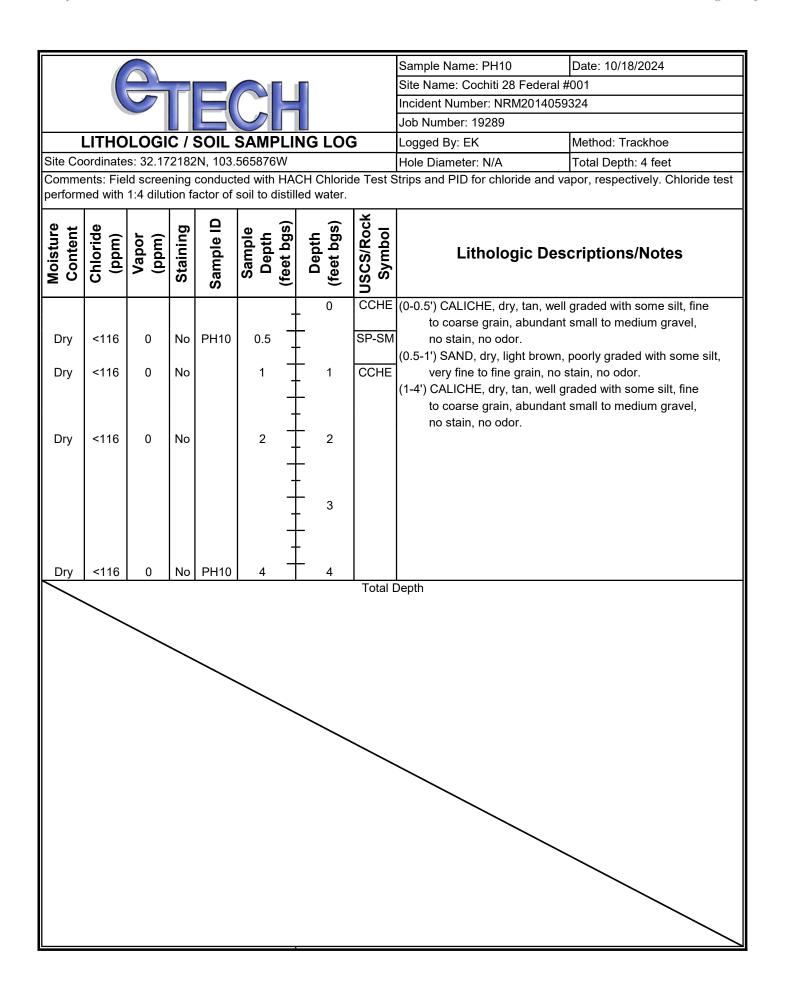


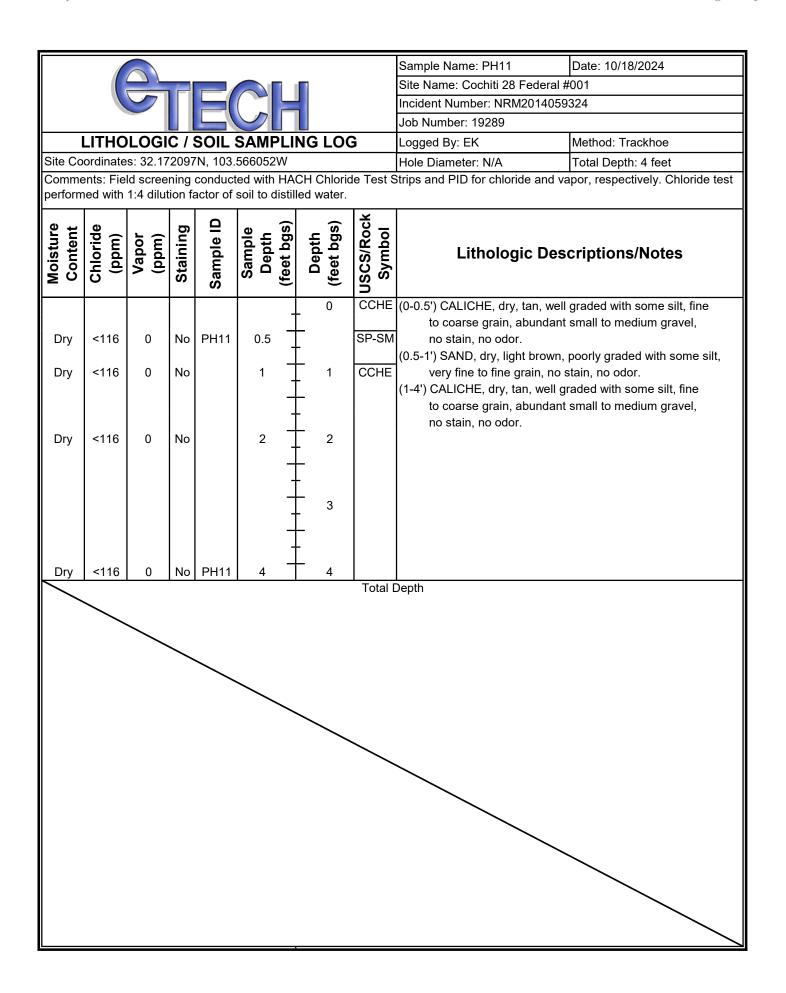


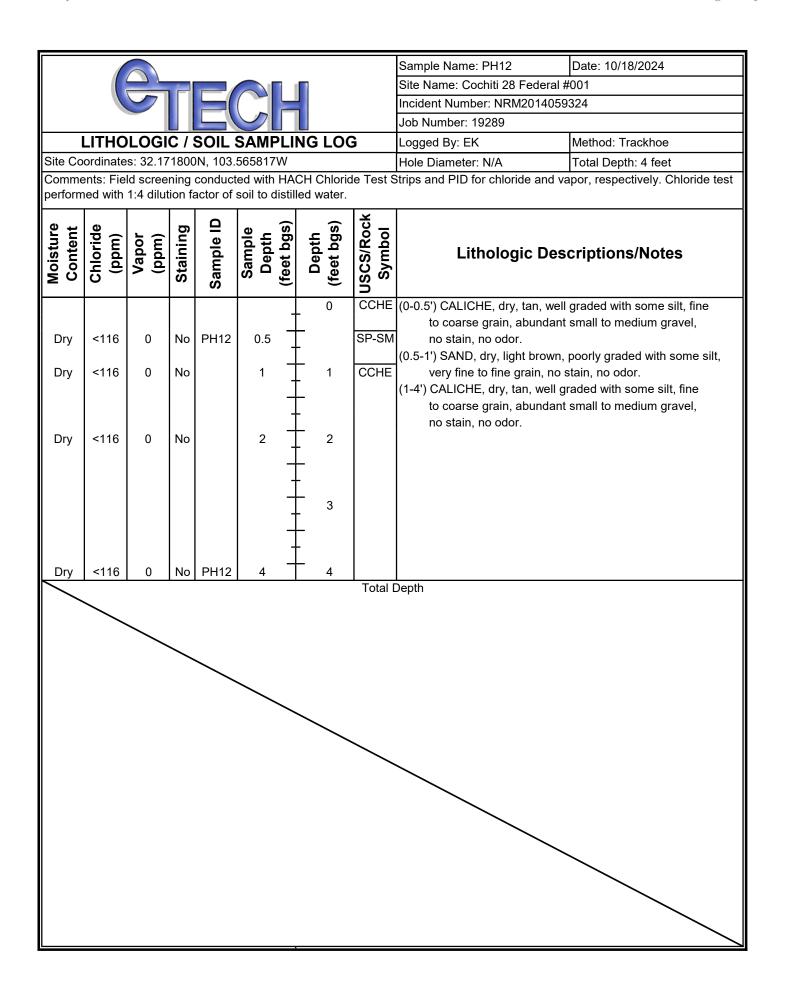


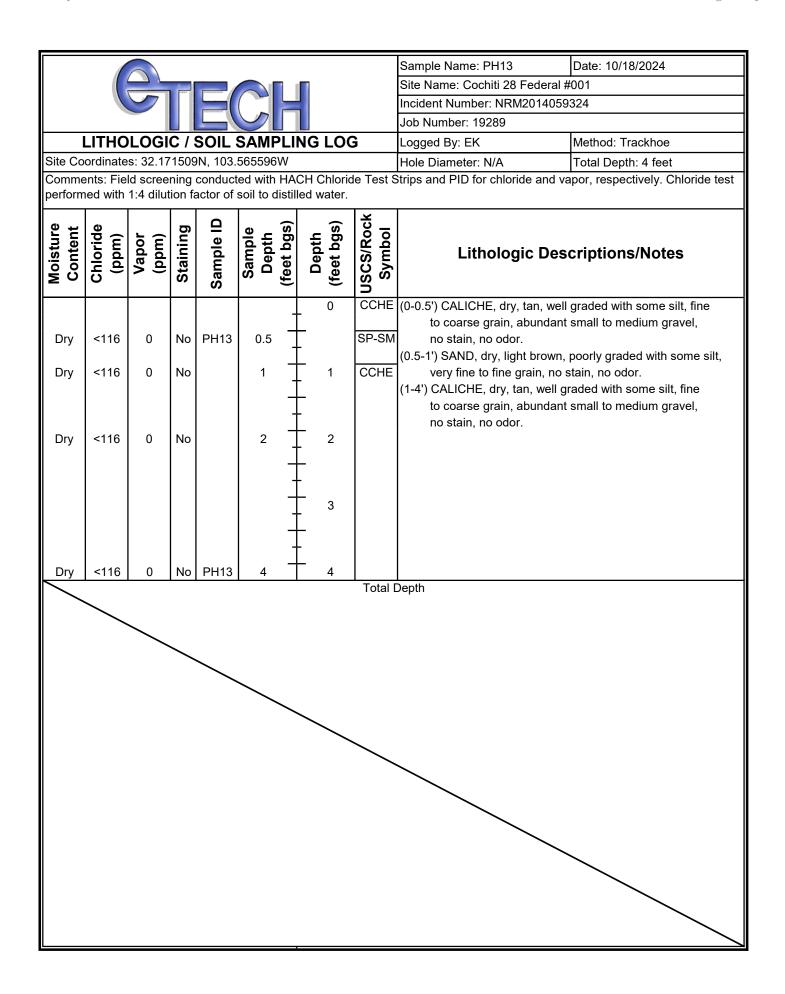


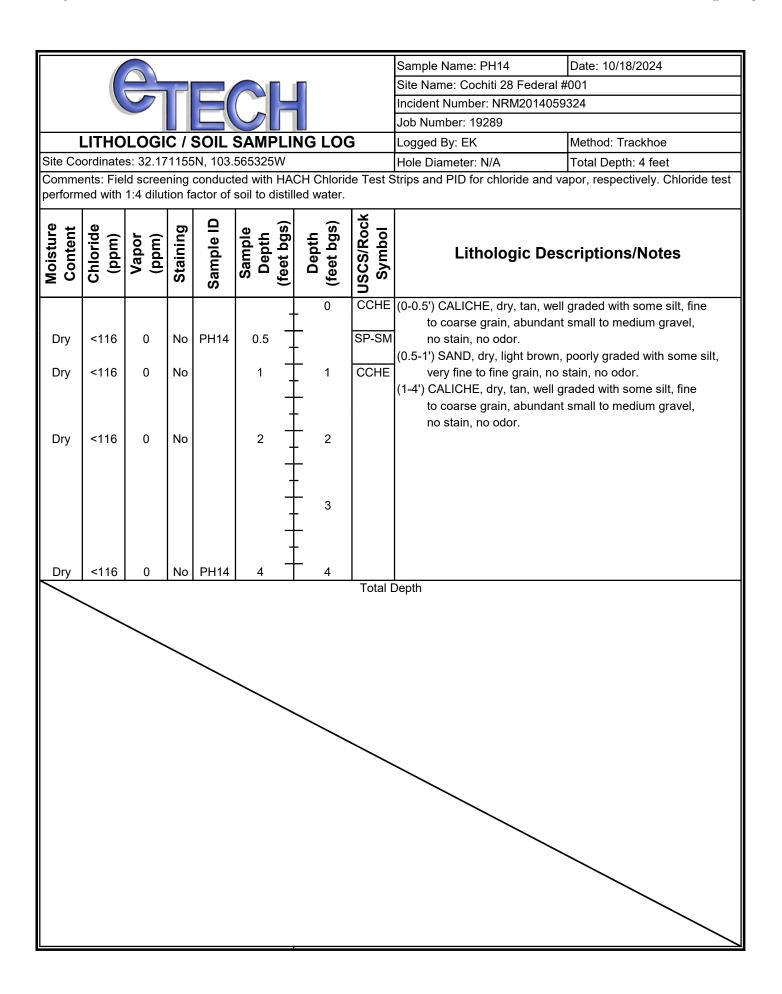


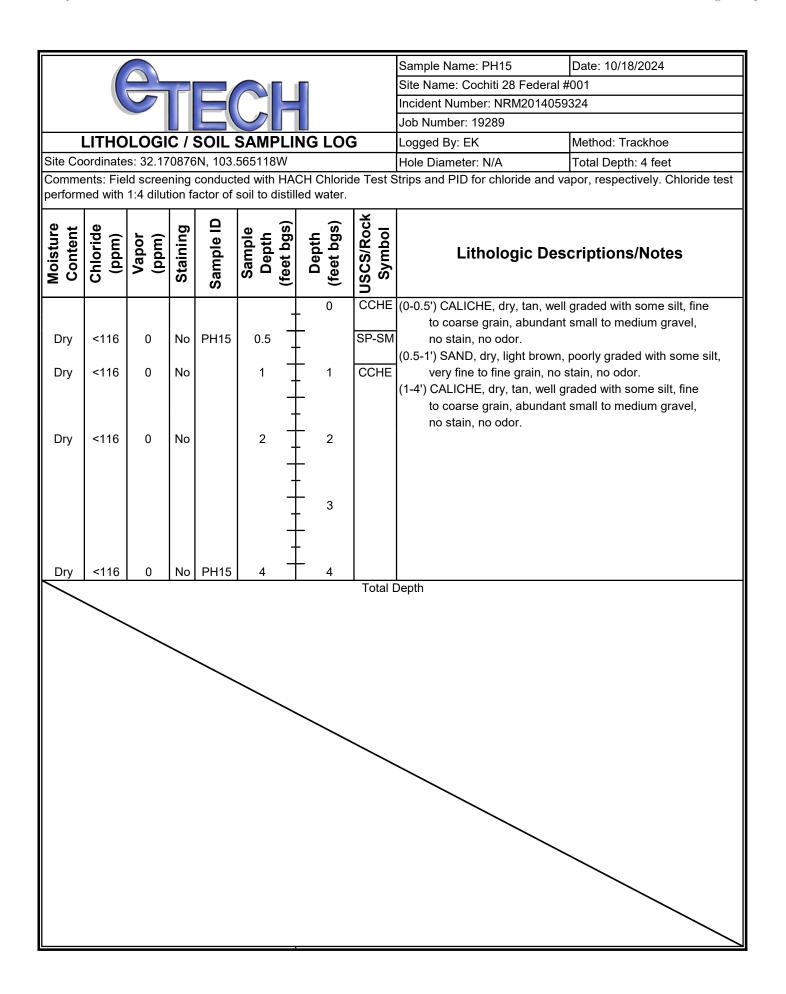


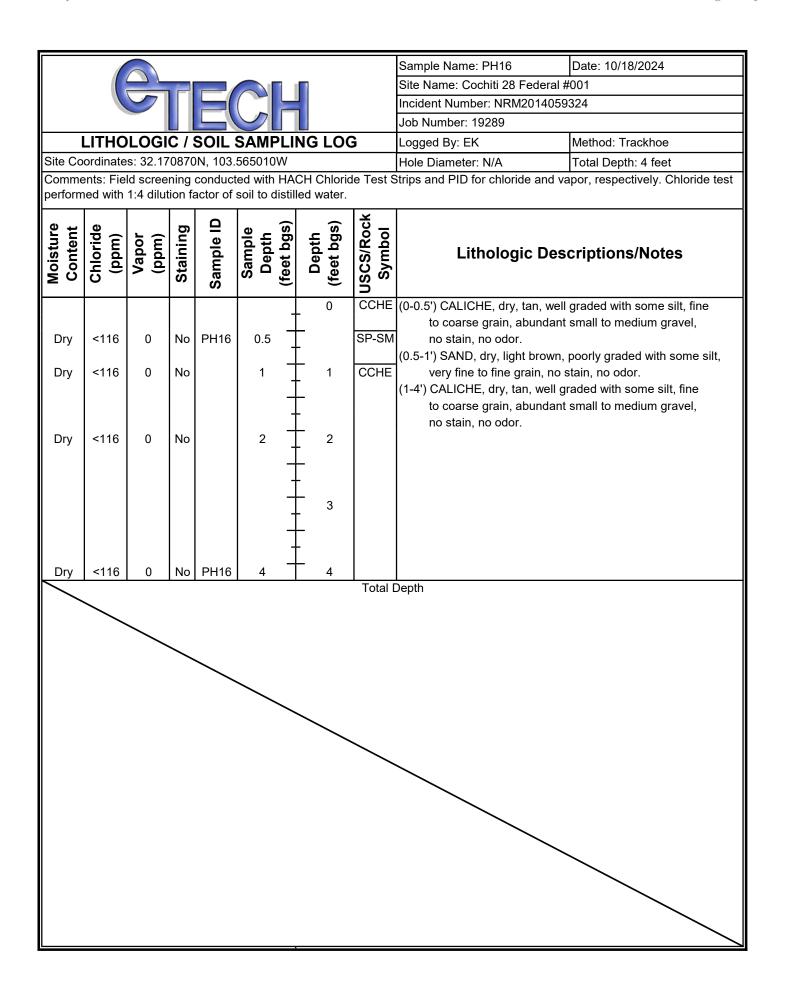


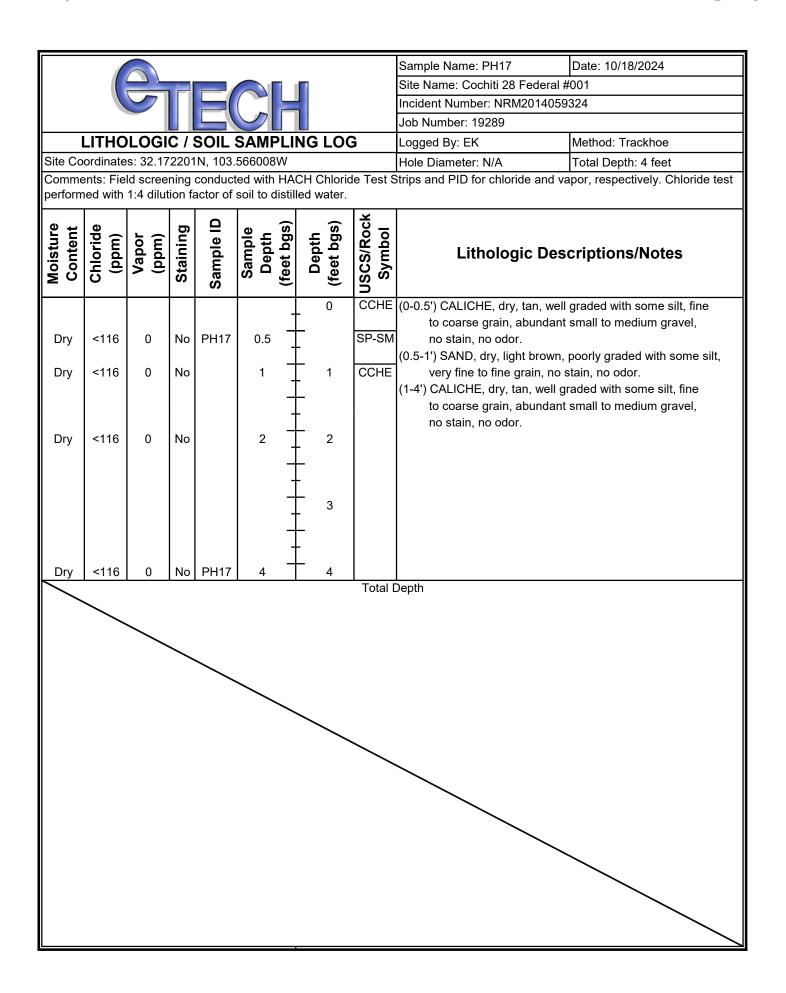












APPENDIX F

Photographic Log

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ETECH

PHOTOGRAPHIC LOG

Devon Energy Company, LP Cochiti 28 Federal #001

Incident Number: nRM2014059324



Total on -032 171780 / -103 565587 (±32 8ft)

Mittade 3456ft (±62 3ft)

Latum W05:84

Azimulhi Bearing 355 N05W 6311mils True (±12)

Levahor Angle - 02 0

Sm. 0.5X

Photograph 1 Date: 10/18/2024 Description: Northwestern view of delineation activities.

Photograph 2 Date: 10/18/2024 Description: Northwestern view of delineation activities.



Position: +032.171799" / -103.565608" (±15.1ft)
Altitude: 3460ft (±11.6ft)
Jatum: W05-84
Azimuth/Bearing: 218" 538W 3876mils True (±15")
Elevation Angle: -07.3"
Joriton Angle:

Photograph 3 Date: 10/31/2024 Description: Southeastern view of confirmation activities.

Photograph 4 Date: 10/31/2024 Description: Southwestern view of confirmation activities.

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)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closur Release (NMAC 19.15.		Is Impacted by a	10	50	NE	NE	NE	100	600
			De	elineation Soil Samples	- Incident Number nR	M2014059324			
PH01	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH01	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH02	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH02	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH03	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH03	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH04	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH04	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH05	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH05	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH06	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH06	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	21.1
PH07	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH07	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	27.5
PH08	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH08	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	32.6
PH09	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH09	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH10	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH10	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH11	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH11	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0



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)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closur Release (NMAC 19.15.		ls Impacted by a	10	50	NE	NE	NE	100	600
Release (NWAC 15.15.2	29) 	<u> </u>							
PH12	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH12	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH13	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH13	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH14	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH14	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH15	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH15	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH16	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH16	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH17	10/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
PH17	10/18/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
			Cor	nfirmation Soil Sample	s - Incident Number nF	RM2014059324			
FS01	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS02	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS03	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS04	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS05	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS06	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS07	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS08	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS09	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS10	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]



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)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closur Release (NMAC 19.15.2		s Impacted by a	10	50	NE	NE	NE	100	600
FS11	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS12	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS13	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS14	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS15	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS16	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS17	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS18	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS19	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS20	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS21	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS22	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS23	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS24	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS25	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS26	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS27	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS28	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS29	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS30	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS31	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS32	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS33	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]



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)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closu Release (NMAC 19.15		ls Impacted by a	10	50	NE	NE	NE	100	600
FS34	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	21.3 [†]
FS35	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS36	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS37	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS38	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS39	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS40	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS41	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS42	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS43	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS44	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS45	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS46	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS47	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS48	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	82.5 [†]
FS49	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	90.6 [†]
FS50	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS51	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS52	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS53	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS54	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS55	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS56	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]



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)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closu Release (NMAC 19.15		Is Impacted by a	10	50	NE	NE	NE	100	600
FS57	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS58	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS59	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS60	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS61	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS62	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS63	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS64	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS65	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS66	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS67	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS68	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS69	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS70	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS71	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS72	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS73	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS74	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS75	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS76	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS77	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS78	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS79	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]



0/31/2024 0/31/2024 0/31/2024 0/31/2024 0/31/2024 0/31/2024	0-0.25 0-0.25 0-0.25 0-0.25	<pre>10</pre>	50 <0.0500 <0.0500	NE <20.0	NE <25.0	NE SECOND	100	600
0/31/2024 0/31/2024 0/31/2024 0/31/2024	0-0.25 0-0.25 0-0.25	<0.0250 <0.0250	<0.0500		<25.0	.52.2		
0/31/2024 0/31/2024 0/31/2024 0/31/2024	0-0.25 0-0.25 0-0.25	<0.0250 <0.0250	<0.0500		<25.0			
0/31/2024 0/31/2024 0/31/2024	0-0.25 0-0.25	<0.0250				<50.0	<50.0	<20.0 [†]
0/31/2024	0-0.25			<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024			<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
		<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024	0-0.25	<0.0250	<0.0500	<20.0	32.1	<50.0	32.1	<20.0 [†]
0/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024			<0.0500					<20.0 [†]
0/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
0/31/2024								<20.0 [†]
0/31/2024								<20.0 [†]
0/31/2024								<20.0 [†]
								<20.0 [†]
								<20.0 [†]
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0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/	31/2024 31/2024 31/2024 31/2024 31/2024 31/2024 31/2024 31/2024 31/2024 31/2024	31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25 31/2024 0-0.25	31/2024 0-0.25 <0.0250	31/2024 0-0.25 <0.0250	31/2024 0-0.25 <0.0250	31/2024 0-0.25 <0.0250	31/2024 0-0.25 <0.0250	31/2024 0-0.25 <0.0250



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)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)		I Is Impacted by a	10	50	NE	NE	NE	100	600
FS103	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS104	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS105	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS106	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS107	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS108	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS109	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS110	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS111	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS112	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS113	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS114	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS115	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS116	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
FS117	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]



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)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closur Release (NMAC 19.15.2		s Impacted by a	10	50	NE	NE	NE	100	600
SW01	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
SW02	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
SW03	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
SW04	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
SW05	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]
SW06	10/31/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0 [†]

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Text in "grey" represents excavated soil samples

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

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

APPENDIX 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:
Erick Herrera





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cochiti 28 Federal #001

Work Order: E410237

Job Number: 01058-0007

Received: 10/22/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/24/24

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

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

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

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

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

Date Reported: 10/24/24

Erick Herrera 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Cochiti 28 Federal #001

Workorder: E410237

Date Received: 10/22/2024 7:45:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/22/2024 7:45:00AM, under the Project Name: Cochiti 28 Federal #001.

The analytical test results summarized in this report with the Project Name: Cochiti 28 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:	Cochiti 28 Federal #001	Donoutode
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/24 12:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01 0.5'	E410237-01A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH01 4'	E410237-02A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH02 0.5'	E410237-03A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH02 4'	E410237-04A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH03 0.5'	E410237-05A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH03 4'	E410237-06A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH04 0.5'	E410237-07A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH04 4'	E410237-08A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH05 0.5'	E410237-09A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH05 4'	E410237-10A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH06 0.5'	E410237-11A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH06 4'	E410237-12A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH07 0.5'	E410237-13A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH07 4'	E410237-14A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH08 0.5'	E410237-15A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH08 4'	E410237-16A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH09 0.5'	E410237-17A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH09 4'	E410237-18A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH10 0.5'	E410237-19A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH10 4'	E410237-20A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH01 0.5' E410237-01

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2443027
Benzene	ND	0.0250		1	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250		1	10/22/24	10/22/24	
Toluene	ND	0.0250		1	10/22/24	10/22/24	
o-Xylene	ND	0.0250		1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500		1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250		1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2443029	
Diesel Range Organics (C10-C28)	ND	25.0		1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/22/24	10/23/24	
Surrogate: n-Nonane		87.9 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2443039
Chloride	ND	20.0		1	10/22/24	10/22/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH01 4' E410237-02

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2443027
Benzene	ND	0.0250	1	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/22/24	
Toluene	ND	0.0250	1	10/22/24	10/22/24	
o-Xylene	ND	0.0250	1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		102 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		102 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/23/24	
Surrogate: n-Nonane		89.5 %	50-200	10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2443039
Chloride	ND	20.0	1	10/22/24	10/22/24	

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH02 0.5' E410237-03

	_	Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2443027
Benzene	ND	0.0250	1	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/22/24	
Toluene	ND	0.0250	1	10/22/24	10/22/24	
o-Xylene	ND	0.0250	1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.1 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		101 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.1 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		101 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/23/24	
Surrogate: n-Nonane		88.9 %	50-200	10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2443039
Chloride	ND	20.0	1	10/22/24	10/22/24	

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH02 4' E410237-04

		E:110207 01				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY	·	Batch: 2443027
Benzene	ND	0.0250	1	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/22/24	
Toluene	ND	0.0250	1	10/22/24	10/22/24	
o-Xylene	ND	0.0250	1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.1 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		102 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.1 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		102 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/23/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/23/24	
Surrogate: n-Nonane		89.8 %	50-200	10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2443039
Chloride	ND	20.0	1	10/22/24	10/22/24	_

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH03 0.5' E410237-05

		2.10207 00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2443027
Benzene	ND	0.0250		1	10/22/24	10/22/24	Batem 2 : 15027
Ethylbenzene	ND	0.0250		1	10/22/24	10/22/24	
Toluene	ND	0.0250		1	10/22/24	10/22/24	
o-Xylene	ND	0.0250		1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500		1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250		1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		93.6 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		102 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		93.6 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		102 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0		1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/22/24	10/23/24	
Surrogate: n-Nonane		82.4 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2443039
Chloride	ND	20.0		1	10/22/24	10/22/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH03 4' E410237-06

		E.110207 00				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY	·	Batch: 2443027
Benzene	ND	0.0250	1	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/22/24	
Toluene	ND	0.0250	1	10/22/24	10/22/24	
o-Xylene	ND	0.0250	1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.9 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		101 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.9 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		101 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/23/24	
Surrogate: n-Nonane		93.2 %	50-200	10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2443039
Chloride	ND	20.0	1	10/22/24	10/22/24	

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH04 0.5' E410237-07

		E110207 07					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		<u> </u>	Batch: 2443027
Benzene	ND	0.0250		1	10/22/24	10/22/24	Batem 2 : 15 02 /
Ethylbenzene	ND	0.0250		1	10/22/24	10/22/24	
Toluene	ND	0.0250		1	10/22/24	10/22/24	
o-Xylene	ND	0.0250		1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500		1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250		1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.6 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.6 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0		1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/22/24	10/23/24	
Surrogate: n-Nonane		88.4 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2443039
Chloride	ND	20.0		1	10/22/24	10/22/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH04 4' E410237-08

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY			Batch: 2443027
Benzene	ND	0.0250	1		10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1		10/22/24	10/22/24	
Toluene	ND	0.0250	1		10/22/24	10/22/24	
o-Xylene	ND	0.0250	1		10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1		10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1		10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.8 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		101 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY			Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.8 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		101 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV	7		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1		10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1		10/22/24	10/23/24	
Surrogate: n-Nonane		89.0 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: DT			Batch: 2443039
· · · · · · · · · · · · · · · · · · ·		20.0	1		10/22/24	10/22/24	

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH05 0.5' E410237-09

		E410237-03					
Analyte	Result	Reporting Limit	Dilut	tion	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilui	uon	перагец	Anaryzed	INOTES
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2443027
Benzene	ND	0.0250	1		10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1		10/22/24	10/22/24	
Toluene	ND	0.0250	1		10/22/24	10/22/24	
o-Xylene	ND	0.0250	1		10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1		10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1		10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		93.1 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		100 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		93.1 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		100 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: NV			Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1		10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1		10/22/24	10/23/24	
Surrogate: n-Nonane		88.6 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT			Batch: 2443039
Chloride	ND	20.0	1		10/22/24	10/22/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH05 4' E410237-10

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I\	7		Batch: 2443027
Benzene	ND	0.0250	1	1	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1	1	10/22/24	10/22/24	
Toluene	ND	0.0250	1	1	10/22/24	10/22/24	
o-Xylene	ND	0.0250	1	1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1	1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		92.8 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I\	7		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		92.8 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	V		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/22/24	10/23/24	
Surrogate: n-Nonane		86.3 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: D	Т		Batch: 2443039
Chloride	ND	20.0	1	1	10/22/24	10/22/24	

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH06 0.5' E410237-11

		2110207 11					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:			Batch: 2443027
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	10/22/24	10/22/24	Batch. 2443027
Benzene Ethylbenzene	ND ND	0.0250		1	10/22/24	10/22/24	
Toluene	ND	0.0250		1	10/22/24	10/22/24	
o-Xylene	ND	0.0250		1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500		1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250		1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.1 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.1 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	_	1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/22/24	10/23/24	
Surrogate: n-Nonane		94.1 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2443039
Chloride	ND	20.0		1	10/22/24	10/22/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH06 4' E410237-12

		E110207 12				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY	<u> </u>	Batch: 2443027
Benzene	ND	0.0250	1	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/22/24	
Toluene	ND	0.0250	1	10/22/24	10/22/24	
o-Xylene	ND	0.0250	1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.3 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		102 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.3 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		102 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/23/24	
Surrogate: n-Nonane		93.3 %	50-200	10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: DT		Batch: 2443039
Chloride	21.1	20.0	1	10/22/24	10/22/24	

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH07 0.5' E410237-13

		2110207 10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2443027
Benzene	ND	0.0250		1	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250		1	10/22/24	10/22/24	
Toluene	ND	0.0250		1	10/22/24	10/22/24	
o-Xylene	ND	0.0250		1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500		1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250		1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.9 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.9 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0		1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/22/24	10/23/24	
Surrogate: n-Nonane		85.6 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2443039
Chloride	ND	20.0		1	10/22/24	10/22/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH07 4' E410237-14

		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2443027
Benzene	ND	0.0250		1	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250		1	10/22/24	10/22/24	
Toluene	ND	0.0250		1	10/22/24	10/22/24	
o-Xylene	ND	0.0250		1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500		1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250		1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.3 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		102 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.3 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		102 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0		1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/22/24	10/23/24	
Surrogate: n-Nonane		91.7 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2443039
Chloride	27.5	20.0		1	10/22/24	10/22/24	

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH08 0.5' E410237-15

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2443027
Benzene	ND	0.0250	1		10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1		10/22/24	10/22/24	
Toluene	ND	0.0250	1		10/22/24	10/22/24	
o-Xylene	ND	0.0250	1	l	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1	l	10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1		10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.6 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		101 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.6 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		101 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1		10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1		10/22/24	10/23/24	
Surrogate: n-Nonane		91.8 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2443039



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH08 4' E410237-16

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2443027
Benzene	ND	0.0250	1	l	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1	l	10/22/24	10/22/24	
Toluene	ND	0.0250	1	l	10/22/24	10/22/24	
o-Xylene	ND	0.0250	1	l	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1	l	10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1	<u>[</u>	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.2 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.2 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	10/22/24	10/23/24	
Surrogate: n-Nonane		90.0 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2443039
Chloride	32.6	20.0	1		10/22/24	10/22/24	

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH09 0.5' E410237-17

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY		Batch: 2443027
Benzene	ND	0.0250	1	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/22/24	
Toluene	ND	0.0250	1	10/22/24	10/22/24	
o-Xylene	ND	0.0250	1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.6 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		95.6 %	70-130	10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/22/24	10/22/24	
Surrogate: Toluene-d8		103 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/23/24	
Surrogate: n-Nonane		87.0 %	50-200	10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: DT		Batch: 2443039
Chloride	ND	20.0	1	10/22/24	10/22/24	

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH09 4' E410237-18

		Reporting					
Analyte	Result	Limit	Dilut	ion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: IY			Batch: 2443027
Benzene	ND	0.0250	1		10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1		10/22/24	10/22/24	
Toluene	ND	0.0250	1		10/22/24	10/22/24	
o-Xylene	ND	0.0250	1		10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1		10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1		10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.6 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		101 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY	•		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/22/24	10/22/24	
Surrogate: Bromofluorobenzene		94.6 %	70-130		10/22/24	10/22/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		10/22/24	10/22/24	
Surrogate: Toluene-d8		101 %	70-130		10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: N	V		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1		10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1		10/22/24	10/23/24	
Surrogate: n-Nonane		89.9 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: D	Γ		Batch: 2443039

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH10 0.5' E410237-19

		211020, 19					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2443027
Benzene	ND	0.0250		1	10/22/24	10/23/24	Buteni 2 : 13 02 /
Ethylbenzene	ND	0.0250		1	10/22/24	10/23/24	
Toluene	ND	0.0250		1	10/22/24	10/23/24	
o-Xylene	ND	0.0250		1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500		1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250		1	10/22/24	10/23/24	
Surrogate: Bromofluorobenzene		91.1 %	70-130		10/22/24	10/23/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		10/22/24	10/23/24	
Surrogate: Toluene-d8		125 %	70-130		10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/22/24	10/23/24	
Surrogate: Bromofluorobenzene		91.1 %	70-130		10/22/24	10/23/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		10/22/24	10/23/24	
Surrogate: Toluene-d8		125 %	70-130		10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0		1	10/22/24	10/23/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/22/24	10/23/24	
Surrogate: n-Nonane		92.9 %	50-200		10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2443039
Chloride	ND	20.0		1	10/22/24	10/22/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera10/24/2024 12:45:05PM

PH10 4' E410237-20

		E11020; 20				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2443027
Benzene	ND	0.0250	1	10/22/24	10/23/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/23/24	
Toluene	ND	0.0250	1	10/22/24	10/23/24	
o-Xylene	ND	0.0250	1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/23/24	
Surrogate: Bromofluorobenzene		96.0 %	70-130	10/22/24	10/23/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	10/22/24	10/23/24	
Surrogate: Toluene-d8		111 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2443027
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/23/24	
Surrogate: Bromofluorobenzene		96.0 %	70-130	10/22/24	10/23/24	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	10/22/24	10/23/24	
Surrogate: Toluene-d8		111 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2443029
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/23/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/23/24	
Surrogate: n-Nonane		94.2 %	50-200	10/22/24	10/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: DT		Batch: 2443039
Chloride	ND	20.0	1	10/22/24	10/22/24	

QC Summary Data

Devon Energy - Carlsbad Cochiti 28 Federal #001 Project Name: Reported: Project Number: 6488 7 Rivers Hwy 01058-0007 Artesia NM, 88210 Project Manager: Erick Herrera 10/24/2024 12:45:05PM **Volatile Organic Compounds by EPA 8260B** 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 (2443027-BLK1) Prepared: 10/22/24 Analyzed: 10/22/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.471 0.500 94.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.467 0.500 93.4 70-130 0.500 102 70-130 Surrogate: Toluene-d8 0.512 LCS (2443027-BS1) Prepared: 10/22/24 Analyzed: 10/22/24 2.41 0.0250 2.50 96.2 70-130 Benzene 2.50 103 70-130 2.58 Ethylbenzene 0.0250 2.47 0.0250 2.50 98.9 70-130 107 70-130 2.68 0.0250 2.50 o-Xylene 5.39 5.00 108 70-130 p,m-Xylene 0.0500 8.07 0.0250 7.50 108 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.486 0.500 97.2 70-130 0.500 94.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.473 70-130 Surrogate: Toluene-d8 0.501 0.500 Matrix Spike (2443027-MS1) Source: E410237-08 Prepared: 10/22/24 Analyzed: 10/22/24 2.31 0.0250 2.50 ND 92.4 48-131 45-135 Ethylbenzene 2.46 0.0250 2.50 ND 98.5 48-130 Toluene 2.38 0.0250 2.50 ND 95.1 2.63 0.0250 2.50 ND 105 43-135 o-Xylene ND 43-135 p,m-Xylene 5.28 0.0500 5.00 106 Total Xylenes 7.91 0.0250 7.50 ND 105 43-135 0.490 0.500 98.0 70-130 Surrogate: Bromofluorobenzene 0.500 98.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.494 0.500 70-130 0.502 Surrogate: Toluene-d8 Matrix Spike Dup (2443027-MSD1) Source: E410237-08 Prepared: 10/22/24 Analyzed: 10/22/24 2.33 0.0250 2.50 ND 93.2 48-131 0.862 23 0.0250 2.50 ND 45-135 3.08 27 Ethylbenzene ND 97.7 48-130 2.74 24 2.44 2.50 Toluene 0.0250 o-Xylene 2.63 0.0250 2.50 ND 105 43-135 0.0761 27 5.25 5.00 ND 105 43-135 0.627 27 p,m-Xylene 0.0500 27 7.87 0.0250 7.50 ND 105 43-135 0.444 Total Xylenes Surrogate: Bromofluorobenzene 0.474 0.500 94.7 70-130



0.500

0.500

0.485

0.502

96.9

100

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Devon Energy - Carlsbad Cochiti 28 Federal #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 10/24/2024 12:45:05PM Artesia NM, 88210 Project Manager: Erick Herrera

Nonhalogenated	Organics	by EPA	8015D -	GRO

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

	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2443027-BLK1)							Prepared: 1	0/22/24 Ana	alyzed: 10/22/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.471		0.500		94.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.4	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			
LCS (2443027-BS2)							Prepared: 1	0/22/24 Ana	alyzed: 10/22/24
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	·	96.4	70-130	·		·
Surrogate: Bromofluorobenzene	0.459		0.500		91.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			
Matrix Spike (2443027-MS2)				Source:	E410237-	08	Prepared: 1	0/22/24 Ana	alyzed: 10/22/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.1	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			
Matrix Spike Dup (2443027-MSD2)				Source:	E410237-	08	Prepared: 1	0/22/24 Ana	alyzed: 10/22/24
Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.6	70-130	7.87	20	
Surrogate: Bromofluorobenzene	0.461		0.500		92.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 12:45:05PM

Artesia NM, 88210		Project Manage	r: En	ick Herrera				1	0/24/2024 12:45:05P.
	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 (2443029-BLK1)							Prepared: 1	0/22/24 Ar	nalyzed: 10/22/24
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	47.0		50.0		94.1	50-200			
LCS (2443029-BS1)							Prepared: 1	0/22/24 Ar	alyzed: 10/22/24
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
urrogate: n-Nonane	50.5		50.0		101	50-200			
Matrix Spike (2443029-MS1)				Source:	E410237-	10	Prepared: 1	0/22/24 Ar	alyzed: 10/22/24
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132			
urrogate: n-Nonane	47.8		50.0		95.6	50-200			
Matrix Spike Dup (2443029-MSD1)				Source:	E410237-	10	Prepared: 1	0/22/24 Ar	nalyzed: 10/23/24
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	1.71	20	
urrogate: n-Nonane	50.6		50.0		101	50-200			

Matrix Spike Dup (2443039-MSD1)

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number	: 0	ochiti 28 Fede 1058-0007	eral #001			1	Reported:
Artesia NM, 88210		Project Manage		rick Herrera 300.0/9056				1	0/24/2024 12:45:05PM
		Anions	by EPA.	000.0/90502	<u> </u>				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 (2443039-BLK1)							Prepared: 1	0/22/24 Aı	nalyzed: 10/22/24
Chloride	ND	20.0							
LCS (2443039-BS1)							Prepared: 1	0/22/24 Aı	nalyzed: 10/22/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2443039-MS1)				Source:	E410237-	07	Prepared: 1	0/22/24 Aı	nalyzed: 10/22/24
Chloride	252	20.0	250	ND	101	80-120			

250

20.0

Source: E410237-07

101

80-120

0.333

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: 10/22/24 Analyzed: 10/22/24

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Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/24 12:45

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.

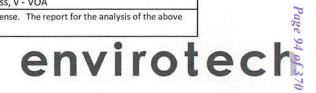
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Oject II	nformatio	n					Chain o	r Cus	toay												
lient: D	evon Ene	rgy Produ	ction Co	P		Bill To				La	b Us	e On	lv				TA	AT.		EPA P	rogran
	COCHITI 2				Atte	ntion: Jim Raley		Lab	WO#			Joh I	Num	ber	1D	2D	3D		ndard	CWA	SDV
roject N	/lanager:	Erick Her	rera			ress: 5315 Buena Vista Dr.		EL	HIC	123 C	31	QC	58	.0007					ay TAT		
ddress:	13000 W	County F	Rd 100		City,	State, Zip: Carlsbad, NM,	88220	1						nd Method			•				RCF
ity, Stat	te, Zip_Od	lessa,TX,	79765		Phor	ne: 575-885-7502		1516													
hone: 4	32-305-6	416			Ema	il: jim.raley@dvn.com			3015				- 1							State	
mail: De	evon-tear	n@etech	env.com		WO:	1061476201 - NM PERM	IAN ABANDON		by i										VM CO	UT AZ	TX
					Incid	lent ID: nRM2014059324			J/ORC				0		5						
ollected	d by: Edyt	e Konan						£.	O/DR	/ 8021	8260	6010	e 300.0		N		¥		×		
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	втех ьу	VOC by	Metals 6010	Chloride		BGDOC		GDOC			Remark	s
8:00	10.18.24	S	1			PH01	1	0.5'							х						
8:10	10.18.24	S	1			PH01	2	4'							х						
8:20	10.18.24	S	1			PH02	3	0.5'							х						
8:30	10.18.24	S	1			PH02	4	4'							х						
8:40	10.18.24	S	1			PH03	5	0.5'							х						
8:50	10.18.24	S	1			PH03	6	4'							х						
9:00	10.18.24	S	1			PH04	7	0.5'							х						
9:10	10.18.24	S	1			PH04	8	4'							х						
9:20	10.18.24	S	1			PH05	9	0.5'							х						
9:30	10.18.24	S	1			PH05	10	4'							х						
ddition	al Instruc	tions:																			
				city of this sample		hat tampering with or intentionally Sampled by: EK	mislabelling the samp	le loca	tion,			0.00		ring thermal p ed in ice at an							1.5
elinquishe	ed by: (Signa	iture)	Date 1013	21/24 Time	100	Received by: (Signature)	Date 1021:	14	Time	00		Rece	ived	l on ice:		ab Us	se On	ily			
elinguishe Mud	ed by: (Sign	fture)		Time	230	Receive Vy: (Signature)	Date 10.11.		Time (33	0	T1			T2			1	ГЗ		
linduish	by: (Signa	iture)	Date (O	U.24 2	400	Recipived by Signature Mo	Date 10.27-2	14	7:4	15		AVG	Tem	np °C	4						
mple Mat	riv: S - Soil So	I - Solid Sm -		ueous, O - Other			Container	Typo		lace					or a	loss i	, VO	۸			





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Client: D	evon Ene	rgy Prod	uction Co	LP	Bill To				La	ab Us	e Or	nly	7/			TA	AT		EPA P	rogram
	COCHITI 2				Attention: Jim Raley		Lab	WO#	ŧ		Job	Num	ber	1D	2D	3D	Sta	andard	CWA	SDWA
Project I	Manager:	Erick Her	rera		Address: 5315 Buena Vista Dr.		FL	110	2	37	a	051	3.000				5 0	day TAT		
Address	: 13000 W	County	Rd 100		City, State, Zip: Carlsbad, NM, 882	20	The second	-					nd Metho	od						RCRA
City, Sta	te, Zip_O	dessa,TX,	79765		Phone: 575-885-7502			0							T					
Phone: 4	132-305-6	416	3 1	_	Email: jim.raley@dvn.com		1	3015											State	
Email: D	evon-tear	n@etech	env.com		WO: 1061476201 - NM PERMIAN	ABANDON		by 8										NM CO	UT AZ	TX
					Incident ID: nRM2014059324		1	ORO												
								RO/	21	0,0	0	0.0		ΣN		¥				
	d by: Edyt	e Konan					£	30/0	by 8021	/ 826	601	le 3C		1				×		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	втех ь	VOC by 8260	Metals 6010	Chloride 300.0		верос		GDOC			Remarks	i
9:40	10.18.24	S	1		PH06	11	0.5'							х						
9:50	10.18.24	S	1		PH06	17	4'							х				u		
10:00	10.18.24	5	1		PH07	13	0.5'							х						
10:10	10.18.24	S	1		PH07	14	4'							х						
10:20	10.18.24	S	1		PH08	15	0.5'						1	х						
10:30	10.18.24	S	1		PH08	16	4'							х						
10:40	10.18.24	S	1	4-1	PH09	17	0.5'							х						
10:50	10.18.24	S	1		PH09	18	4'							х						
11:00	10.18.24	S	1		PH10	19	0.5'							х						
11:10	10.18.24	S	1		PH10	20	4'							х						
Addition	al Instruc	tions:					100							1						
				city of this sample. I	am aware that tampering with or intentionally misla gal action. Sampled by: EK	belling the samp	ole loca	tion,			St							on ice the day an 6 °C on subs		oled or
Relinquish	ed by: (Signa		Date	21124 110	Received by: (Signature)	Date 10 21 o	24	Time	00		Rece	eived	on ice:		ab Us	se On	nly			
Relinquish	ed by: (Sign	iture)	Date	Time	Received by: (Signature)	Date 10.U		Time	33		T1		-11.00	T2				T3		
Religiouish	ed by: (Signa	ture)	Date /G	LIW Zu	Received by: (Maniture)	Date 10.17:	24	Time 7:0	45	_		Tem	np °C	4						
Sample Mat	rix: S - Soil, So	I - Solid, Sg -		queous, O - Other		Container	Type	: g - g	lass.					ber g	lass, v	v - VO	A			
					inless other arrangements are made. Hazardon							CHONSON DA				77	2010/0	t for the an	alysis of th	e above
					ratory with this COC. The liability of the labora															





Printed: 10/22/2024 10:53:31AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Phone:					
	(575) 748-0176	Date Logged In:	10/21/24 1:	5:46	Logged In By: Noe Soto
Email:	I	Oue Date:	10/28/24 1	7:00 (4 day TAT)	
Chain of (Custody (COC)				
	e sample ID match the COC?		Yes		
	number of samples per sampling site location match	the COC	Yes		
3. Were sar	mples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was the	COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes	_	
	samples received within holding time? Note: Analysis, such as pH which should be conducted in ti.e, 15 minute hold time, are not included in this disucssion		Yes		Comments/Resolution
	rn Around Time (TAT)				
	COC indicate standard TAT, or Expedited TAT?		Yes		Project Cochiti 28 Federal #001 has been
Sample Co	•				separated into multiple WOs due to high
	mple cooler received?		Yes		volume sample, WOs are
	as cooler received in good condition?		Yes		
•	sample(s) received intact, i.e., not broken?		Yes		E410237-E410238.
	ustody/security seals present?		No		
	were custody/security seals intact?				
•	sample received on ice? If yes, the recorded temp is 4°C, i.e.	- 60120C	NA		
	Note: Thermal preservation is not required, if samples are r minutes of sampling	eceived w/i 15	Yes		
	sible ice, record the temperature. Actual sample to	mperature: 4°0	<u>C</u>		
Sample Co			N.T.		
-	ueous VOC samples present?		No NA		
	OC samples collected in VOA Vials?		NA NA		
	ead space less than 6-8 mm (pea sized or less)?				
	rip blank (TB) included for VOC analyses?		NA		
	n-VOC samples collected in the correct containers?	w callastad?	Yes		
_	propriate volume/weight or number of sample containe	's conected?	Yes		
Field Labo	eld sample labels filled out with the minimum inforn	nation			
	mple ID?	nation.	Yes		
	te/Time Collected?		Yes		
Co	llectors name?		No		
Sample Pr	eservation ne COC or field labels indicate the samples were pres	served?	No		
	nple(s) correctly preserved?	ici vcu:	NA		
	ilteration required and/or requested for dissolved me	als?	No		
			110		
	<u>e Sample Matrix</u> ne sample have more than one phase, i.e., multiphase	9	NT-		
			No		
	does the COC specify which phase(s) is to be analyz	3U?	NA		
	ct Laboratory				
	nples required to get sent to a subcontract laboratory		No		
29. Was a s	subcontract laboratory specified by the client and if s	o who?	NA	Subcontract Lab	o: NA
Client Ins	truction				
1					

Report to:
Erick Herrera





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cochiti 28 Federal #001

Work Order: E410238

Job Number: 01058-0007

Received: 10/22/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/24/24

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

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

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

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

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

Date Reported: 10/24/24

Erick Herrera 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Cochiti 28 Federal #001

Workorder: E410238

Date Received: 10/22/2024 7:45:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/22/2024 7:45:00AM, under the Project Name: Cochiti 28 Federal #001.

The analytical test results summarized in this report with the Project Name: Cochiti 28 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:	Cochiti 28 Federal #001	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/24 11:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH11 0.5'	E410238-01A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH11 4'	E410238-02A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH12 0.5'	E410238-03A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH12 4'	E410238-04A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH13 0.5'	E410238-05A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH13 4'	E410238-06A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH14 0.5'	E410238-07A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH14 4'	E410238-08A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH15 0.5'	E410238-09A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH15 4'	E410238-10A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH16 0.5'	E410238-11A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH16 4'	E410238-12A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH17 0.5'	E410238-13A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.
PH17 4'	E410238-14A	Soil	10/18/24	10/22/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH11 0.5' E410238-01

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: CG		Batch: 2443028
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0500	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
	101 %	70-130	10/22/24	10/23/24	
mg/kg	mg/kg	Anal	yst: CG		Batch: 2443028
ND	20.0	1	10/22/24	10/23/24	
	89.6 %	70-130	10/22/24	10/23/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2443030
ND	25.0	1	10/22/24	10/22/24	
ND	50.0	1	10/22/24	10/22/24	
	88.4 %	50-200	10/22/24	10/22/24	
mg/kg	mg/kg	Anal	yst: WF		Batch: 2443043
ND	20.0	1	10/22/24	10/22/24	
	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 IO1 % mg/kg MD 20.0 89.6 % mg/kg ND 25.0 ND 50.0 88.4 % 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 MD 0.0250 1 MD 70-130 1 Mg/kg mg/kg Anal ND 20.0 1 Mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 88.4 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: CG ND 0.0250 1 10/22/24 ND 0.0250 1 10/22/24 ND 0.0250 1 10/22/24 ND 0.0250 1 10/22/24 ND 0.0500 1 10/22/24 ND 0.0250 1 10/22/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/22/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/22/24 ND 50.0 1 10/22/24 ND 50.0 1 10/22/24 ND 50.0 1 10/22/24 ND 50.0 1 10/22/24 Mg/kg mg/kg Analyst: WF	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 ND 0.0500 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 mg/kg mg/kg Analyst: CG Analyst: CG ND 20.0 1 10/22/24 10/23/24 mg/kg mg/kg Analyst: CG Analyst: NV ND 25.0 1 10/22/24 10/23/24 ND 25.0 1 10/22/24 10/22/24 ND 50.0 1 10/22/24 10/22/24 ND 50.0 1 10/22/24 10/22/24 ND 50.0 1 10/22/24

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH11 4' E410238-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2443028
Benzene	ND	0.0250	1	10/22/24	10/23/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/23/24	
Toluene	ND	0.0250	1	10/22/24	10/23/24	
o-Xylene	ND	0.0250	1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2443028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2443030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/22/24	
Surrogate: n-Nonane		85.9 %	50-200	10/22/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2443043
Chloride	ND	20.0	1	10/22/24	10/22/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH12 0.5' E410238-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443028
Benzene	ND	0.0250	1	10/22/24	10/23/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/23/24	
Toluene	ND	0.0250	1	10/22/24	10/23/24	
o-Xylene	ND	0.0250	1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2443028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2443030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/22/24	
Surrogate: n-Nonane		90.1 %	50-200	10/22/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2443043
Chloride	ND	20.0	1	10/22/24	10/22/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH12 4' E410238-04

	E-110250 04				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: CG		Batch: 2443028
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0500	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
	101 %	70-130	10/22/24	10/23/24	
mg/kg	mg/kg	Anal	yst: CG		Batch: 2443028
ND	20.0	1	10/22/24	10/23/24	
	89.3 %	70-130	10/22/24	10/23/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2443030
ND	25.0	1	10/22/24	10/22/24	
ND	50.0	1	10/22/24	10/22/24	
	91.5 %	50-200	10/22/24	10/22/24	
mg/kg	mg/kg	Anal	yst: WF		Batch: 2443043
ND	20.0	1	10/22/24	10/22/24	
	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 IOI % mg/kg MD 20.0 89.3 % mg/kg ND 25.0 ND 50.0 91.5 % 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 MD 0.0250 1 MD 20.0250 1 ND 20.0 1 89.3 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 91.5 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: CG ND 0.0250 1 10/22/24 ND 0.0250 1 10/22/24 ND 0.0250 1 10/22/24 ND 0.0500 1 10/22/24 ND 0.0250 1 10/22/24 ND 0.0250 1 10/22/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/22/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/22/24 ND 25.0 1 10/22/24 ND 50.0 1 10/22/24 ND 50.0 1 10/22/24 MB/kg Mg/kg Analyst: WF	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 ND 0.0500 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 mg/kg mg/kg Analyst: CG Analyst: CG ND 20.0 1 10/22/24 10/23/24 mg/kg mg/kg Analyst: CG Analyst: CG ND 20.0 1 10/22/24 10/23/24 Mg/kg mg/kg Analyst: NV Analyst: NV ND 25.0 1 10/22/24 10/22/24 ND 50.0 1 10/22/24 10/22/24 ND 50.0 1 10/22/24 <

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH13 0.5' E410238-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG			Batch: 2443028
Benzene	ND	0.0250	1	10/22/24	10/23/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/23/24	
Toluene	ND	0.0250	1	10/22/24	10/23/24	
o-Xylene	ND	0.0250	1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: CG		Batch: 2443028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2443030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/22/24	
Surrogate: n-Nonane		82.5 %	50-200	10/22/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: WF		Batch: 2443043
Chloride	ND	20.0	1	10/22/24	10/22/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH13 4' E410238-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: CG		Batch: 2443028
Benzene	ND	0.0250	1	10/22/24	10/23/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/23/24	
Toluene	ND	0.0250	1	10/22/24	10/23/24	
o-Xylene	ND	0.0250	1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: CG		Batch: 2443028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2443030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/22/24	
Surrogate: n-Nonane		73.2 %	50-200	10/22/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: WF		Batch: 2443043
Chloride	ND	20.0	1	10/22/24	10/22/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH14 0.5' E410238-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: CG		Batch: 2443028
Benzene	ND	0.0250	1	10/22/24	10/22/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/22/24	
Toluene	ND	0.0250	1	10/22/24	10/22/24	
o-Xylene	ND	0.0250	1	10/22/24	10/22/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/22/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/22/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: CG		Batch: 2443028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	10/22/24	10/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2443030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/22/24	
Surrogate: n-Nonane		87.0 %	50-200	10/22/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: WF		Batch: 2443043
Chloride	ND	20.0	1	10/22/24	10/22/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH14 4' E410238-08

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2443028
Benzene	ND	0.0250	1	10/22/24	10/23/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/23/24	
Toluene	ND	0.0250	1	10/22/24	10/23/24	
o-Xylene	ND	0.0250	1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2443028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2443030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/22/24	
Surrogate: n-Nonane		89.8 %	50-200	10/22/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2443043
Chloride	ND	20.0	1	10/22/24	10/22/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH15 0.5' E410238-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443028
Benzene	ND	0.0250	1	10/22/24	10/23/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/23/24	
Toluene	ND	0.0250	1	10/22/24	10/23/24	
o-Xylene	ND	0.0250	1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/23/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2443030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/22/24	
Surrogate: n-Nonane		89.2 %	50-200	10/22/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2443043
Chloride	ND	20.0	1	10/22/24	10/22/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH15 4' E410238-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2443028
Benzene	ND	0.0250	1	10/22/24	10/23/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/23/24	
Toluene	ND	0.0250	1	10/22/24	10/23/24	
o-Xylene	ND	0.0250	1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2443028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2443030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/22/24	
Surrogate: n-Nonane		83.2 %	50-200	10/22/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2443043
Chloride	ND	20.0	1	10/22/24	10/22/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH16 0.5' E410238-11

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2443028
Benzene	ND	0.0250	1	10/22/24	10/23/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/23/24	
Toluene	ND	0.0250	1	10/22/24	10/23/24	
o-Xylene	ND	0.0250	1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2443028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2443030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/22/24	
Surrogate: n-Nonane		89.5 %	50-200	10/22/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2443043



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH16 4' E410238-12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2443028
Benzene	ND	0.0250	1	10/22/24	10/23/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/23/24	
Toluene	ND	0.0250	1	10/22/24	10/23/24	
o-Xylene	ND	0.0250	1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2443028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2443030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/22/24	
Surrogate: n-Nonane		81.3 %	50-200	10/22/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2443043
Chloride	ND	20.0	1	10/22/24	10/22/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH17 0.5' E410238-13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2443028
Benzene	ND	0.0250	1	10/22/24	10/23/24	
Ethylbenzene	ND	0.0250	1	10/22/24	10/23/24	
Toluene	ND	0.0250	1	10/22/24	10/23/24	
o-Xylene	ND	0.0250	1	10/22/24	10/23/24	
p,m-Xylene	ND	0.0500	1	10/22/24	10/23/24	
Total Xylenes	ND	0.0250	1	10/22/24	10/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2443028
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/22/24	10/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	10/22/24	10/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2443030
Diesel Range Organics (C10-C28)	ND	25.0	1	10/22/24	10/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/22/24	10/22/24	
Surrogate: n-Nonane		89.3 %	50-200	10/22/24	10/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2443043
Chloride	ND	20.0	1	10/22/24	10/22/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

PH17 4' E410238-14

	E410250 14				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: CG		Batch: 2443028
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
ND	0.0500	1	10/22/24	10/23/24	
ND	0.0250	1	10/22/24	10/23/24	
	101 %	70-130	10/22/24	10/23/24	
mg/kg	mg/kg	Anal	yst: CG		Batch: 2443028
ND	20.0	1	10/22/24	10/23/24	
	90.0 %	70-130	10/22/24	10/23/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2443030
ND	25.0	1	10/22/24	10/22/24	
ND	50.0	1	10/22/24	10/22/24	
	83.9 %	50-200	10/22/24	10/22/24	
mg/kg	mg/kg	Anal	yst: WF		Batch: 2443043
ND	20.0	1	10/22/24	10/22/24	
	mg/kg 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 I01 % mg/kg mg/kg mg/kg ND 20.0 90.0 % mg/kg ND 25.0 ND 50.0 83.9 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 70-130 1 mg/kg mg/kg Anal ND 20.0 1 Mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 83.9 % 50-200 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: CG ND 0.0250 1 10/22/24 ND 0.0250 1 10/22/24 ND 0.0250 1 10/22/24 ND 0.0500 1 10/22/24 ND 0.0250 1 10/22/24 ND 0.0250 1 10/22/24 mg/kg mg/kg Analyst: CG ND 20.0 1 10/22/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/22/24 ND 50.0 1 10/22/24 ND 50.0 1 10/22/24 ND 50.0 1 10/22/24 Mg/kg mg/kg Analyst: WF	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: CG ND 0.0250 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 ND 0.0500 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 ND 0.0250 1 10/22/24 10/23/24 mg/kg mg/kg Analyst: CG Analyst: CG ND 20.0 1 10/22/24 10/23/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/22/24 10/23/24 ND 25.0 1 10/22/24 10/22/24 10/22/24 ND 50.0 1 10/22/24 10/22/24 ND 50.0 1 10/22/24 10/22/24 ND 50.0 1 <



QC Summary Data

Devon Energy - Carlsbad Cochiti 28 Federal #001 Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Erick Herrera 10/24/2024 11:00:41AM **Volatile Organics by EPA 8021B** Analyst: CG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2443028-BLK1) Prepared: 10/22/24 Analyzed: 10/22/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.12 8.00 101 70-130 LCS (2443028-BS1) Prepared: 10/22/24 Analyzed: 10/22/24 4.10 81.9 70-130 5.00 Benzene 0.0250 Ethylbenzene 3.96 0.0250 5.00 79.2 70-130 4.05 0.0250 5.00 81.0 70-130 Toluene o-Xylene 3.97 0.0250 5.00 79.4 70-130 8.08 10.0 80.8 70-130 0.0500 p.m-Xvlene 80.3 70-130 12.1 15.0 Total Xylenes 0.0250 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.17 Matrix Spike (2443028-MS1) Source: E410238-07 Prepared: 10/22/24 Analyzed: 10/23/24 5.43 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 5.30 0.0250 5.00 106 Toluene 5.39 0.0250 5.00 ND 108 61-130 5.33 ND 107 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.8 0.0500 10.0 ND 108 63-131 16.1 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.05 8.00 Matrix Spike Dup (2443028-MSD1) Source: E410238-07 Prepared: 10/22/24 Analyzed: 10/22/24 5.21 0.0250 5.00 ND 54-133 4.10 ND 61-133 5.07 0.0250 5.00 101 4.37 20 Ethylbenzene

5.16

5.10

10.3

15.4

8.14

0.0250

0.0250

0.0500

0.0250

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

103

102

103

103

102



61-130

63-131

63-131

63-131

70-130

4 34

4.35

4.44

4.41

20

20

20

20

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:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

Artesia NM, 88210		Project Number Project Manager		ick Herrera				10	0/24/2024 11:00:41A
	Non	halogenated	Organics l	by EPA 801	5D - G	RO			Analyst: CG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2443028-BLK1)							Prepared:	10/22/24 An	nalyzed: 10/22/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			
LCS (2443028-BS2)							Prepared:	10/22/24 An	nalyzed: 10/22/24
Gasoline Range Organics (C6-C10)	35.0	20.0	50.0		70.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			
Matrix Spike (2443028-MS2)				Source:	E410238-	07	Prepared:	10/22/24 An	nalyzed: 10/23/24
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	ND	86.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			
Matrix Spike Dup (2443028-MSD2)				Source:	E410238-	07	Prepared:	10/22/24 An	nalyzed: 10/22/24
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0	ND	80.9	70-130	6.39	20	

8.00

7.20

90.0

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	_
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/2024 11:00:41AM

Artesia NM, 88210		Project Manage	r: Er	ick Herrera				10	0/24/2024 11:00:41AN
	Nonhal	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 (2443030-BLK1)							Prepared: 1	0/22/24 An	alyzed: 10/22/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.1		50.0		86.2	50-200			
LCS (2443030-BS1)							Prepared: 1	0/22/24 An	alyzed: 10/22/24
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	48.3		50.0		96.6	50-200			
Matrix Spike (2443030-MS1)				Source:	E410239-	01	Prepared: 1	0/22/24 An	alyzed: 10/22/24
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	38-132			
Surrogate: n-Nonane	50.6		50.0		101	50-200			
Matrix Spike Dup (2443030-MSD1)				Source:	E410239-	01	Prepared: 1	0/22/24 An	alyzed: 10/22/24
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132	5.75	20	
Surrogate: n-Nonane	49.1		50.0		98.3	50-200			



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Cochiti 28 Fede 1058-0007	eral #001				Reported:
Artesia NM, 88210		Project Manager:		rick Herrera					10/24/2024 11:00:41AM
		Anions	by EPA	300.0/9056	4				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2443043-BLK1)							Prepared:	10/22/24 A	nalyzed: 10/22/24
Chloride	ND	20.0							
LCS (2443043-BS1)							Prepared:	10/22/24 A	nalyzed: 10/22/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2443043-MS1)				Source:	E410238-	04	Prepared:	10/22/24 A	analyzed: 10/22/24
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2443043-MSD1)				Source:	E410238-	04	Prepared:	10/22/24 A	analyzed: 10/22/24
Chloride	266	20.0	250	ND	107	80-120	0.517	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:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	10/24/24 11:00

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

27
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22
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Project Manager: Erick Herrera Address: 5315 Buena Vista Dr. E 40034 005 8 000 5 day TAT Address: 13000 W County Rd 100 City, State, Zip: Carlsbad, NM, 88220 Analysis and Method RCRA Phone: 432-305-6416 Email: jim.raley@dvn.com 5 day TAT State	Client: D	evon Ene	rgy Produ	uction Co	LP		Bill To				La	b Us	e On	ly				TA			EPA P	rogram
Address: 13000 W County Rd 100 [Includent ID: nRM2014059324 Collected by: Edyte Konan						Attention: Ji	m Raley		Lab	WO#			Job N	Num	per _	1D	2D	3D	Standa	rd	CWA	SDWA
Address: 13000 W County Rd 100 [Includent ID: nRM2014059324 Collected by: Edyte Konan	Project I	Manager:	Erick Her	rera		Address: 533	L5 Buena Vista Dr.		EZ	110	23	8	NO:	5 X	.000				5 day T	AT		
Phone: 432-395-6416 Email: jmr.nale/gold/n.com	Address	: 13000 W	County I	Rd 100		City, State, Z	ip: Carlsbad, NM, 8822	20				,										RCRA
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Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Relinquished by: (Signature) Date Time Received by: (Signature) Time Received by: (Signature) Date Time Received by: (Signature) Tim																						
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Phone: 432-305-6416

Collected by: Edyte Konan

Date

Sampled

10.18.24

10.18.24

10.18.24

10.18.24

Sampled

13:00

13:10

13:20

13:30

Client: Devon Energy Production Co LP

Project: COCHITI 28 FEDERAL #001

Project Manager: Erick Herrera

Address: 13000 W County Rd 100

City, State, Zip_Odessa, TX, 79765

Email: Devon-team@etechenv.com

Matrix

S

S

S

S

No. of

1

1

1

1

Lab

Number

12

TPH GRO/DRO/ORO by 8015

0.5

4'

0.5'

4'

Lab Use Only

Analysis and Method

Lab WO# Job Number DV058.0007

BTEX by 8021 VOC by 8260

Metals 6010

TAT

X

3D Standard

5 day TAT

1D 2D

Σ

BGDOC

X

X

X

Bill To

WO: 1061476201 - NM PERMIAN ABANDON

Attention: Jim Raley

Phone: 575-885-7502

Sample ID

PH16

PH16

PH17

PH17

10/21/2024

Email: jim.raley@dvn.com

Incident ID: nRM2014059324

Address: 5315 Buena Vista Dr.

City, State, Zip: Carlsbad, NM, 88220

EPA Program

SDWA

RCRA

CWA

State

Remarks

NM CO UT AZ TX

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Received by OCD: 1/7/2025 2:55:56 PM

				and the second				
Additional Instructions:							-L	
I, (field sampler), attest to the validity and date or time of collection is considered fr			re that tampering with or intentionally misla n. <u>Sampled by:</u> EK	belling the sample loc	ation,			received on ice the day they are sampled or ut less than 6 °C on subsequent days.
Relinquished by: (Signature)	Date 10/21/24	Time 1100	Received by: (Signature)	1021:24	Time	Received on ice:	Lab Use C	Only
Relinquished by: (Signature)	Date	Time 1830	Received by (Signature)	Date 10.21.24	Time (830	T1	T2	T3
Relinquished by: (Signature)	10.21.24	2400	Degeived by Signature) Auth Mor	Date 12.24	7:45	AVG Temp °C_	4	
Sample Matrix: S - Soil, Sd - Solid, Sg - Slu	dge, A - Aqueous, O -	Other		Container Typ	e: g - glass, p -	poly/plastic, ag - am	ber glass, v - V	OA
Note: Samples are discarded 30 days	after results are re	ported unless of	ther arrangements are made. Hazardo	us samples will be r	eturned to client	or disposed of at the cl	ient expense. Th	ne report for the analysis of the above
samples is applicable only to those sa	imples received by	the laboratory v	with this COC. The liability of the labora	tory is limited to th	e amount paid fo	or on the report.		



envirotech

Printed: 10/22/2024 10:58:22AM

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:	10/22/24 07	1:45	Work Order ID:	E410238
Phone:	(575) 748-0176	Date Logged In:	10/21/24 15	5:51	Logged In By:	Noe Soto
Email:		Due Date:	10/28/24 17	7:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does th	e sample ID match the COC?		Yes			
2. Does th	e number of samples per sampling site location mat	ch the COC	Yes			
	imples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the	COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes			
5. Were al	I samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic		Yes		<u>Commer</u>	uts/Resolution
Sample T	urn Around Time (TAT)					
	COC indicate standard TAT, or Expedited TAT?		Yes		Project Cochiti 28 Fed	eral #001 has been
Sample C	ooler				separated into multiple	WOs due to high
	ample cooler received?		Yes		volume sample, WOs a	_
8. If yes, v	vas cooler received in good condition?		Yes		E410237-E410238.	
9. Was the	sample(s) received intact, i.e., not broken?		Yes		E41023/-E410236.	
	custody/security seals present?		No			
	were custody/security seals intact?		NA			
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes			
13. If no v	risible ice, record the temperature. Actual sample	temperature: 4°C	<u>C</u>			
Sample C						
	ueous 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			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers?	•	Yes			
19. Is the a	ppropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info	rmation:	**			
	umple ID? ate/Time Collected?		Yes			
	bllectors name?		Yes No			
	reservation		NO			
	he COC or field labels indicate the samples were pr	eserved?	No			
	mple(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved m	etals?	No			
	se Sample Matrix					
	he sample have more than one phase, i.e., multiphase	:e?	No			
	does the COC specify which phase(s) is to be analy		NA			
		zeu:	NA			
	act Laboratory					
	mples required to get sent to a subcontract laborator	•	No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA S	Subcontract Lab	o: NA	
Client In	<u>struction</u>					
i .						

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

Report to:
Erick Herrera







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: Cochiti 28 Federal #001

Work Order: E411023

Job Number: 01058-0007

Received: 11/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/8/24

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

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

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

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

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

Date Reported: 11/8/24

Erick Herrera 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Cochiti 28 Federal #001

Workorder: E411023

Date Received: 11/4/2024 7:30:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2024 7:30:00AM, under the Project Name: Cochiti 28 Federal #001.

The analytical test results summarized in this report with the Project Name: Cochiti 28 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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Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

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Michelle Gonzales

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:	Cochiti 28 Federal #001	Donoutode
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/08/24 08:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 0-0.25'	E411023-01A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS02 0-0.25'	E411023-02A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS03 0-0.25'	E411023-03A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS04 0-0.25'	E411023-04A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS05 0-0.25'	E411023-05A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS06 0-0.25'	E411023-06A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS07 0-0.25'	E411023-07A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS08 0-0.25'	E411023-08A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS09 0-0.25'	E411023-09A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS10 0-0.25'	E411023-10A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS11 0-0.25'	E411023-11A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS12 0-0.25'	E411023-12A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS13 0-0.25'	E411023-13A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS14 0-0.25'	E411023-14A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS15 0-0.25'	E411023-15A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS16 0-0.25'	E411023-16A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS17 0-0.25'	E411023-17A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS18 0-0.25'	E411023-18A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS19 0-0.25'	E411023-19A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS20 0-0.25'	E411023-20A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS01 0-0.25' E411023-01

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Benzene	ND	0.0250		1	11/04/24	11/04/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/04/24	
Toluene	ND	0.0250		1	11/04/24	11/04/24	
o-Xylene	ND	0.0250		1	11/04/24	11/04/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/04/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/04/24	
Surrogate: Bromofluorobenzene		104 %	70-130		11/04/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		11/04/24	11/04/24	
Surrogate: Toluene-d8		103 %	70-130		11/04/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/04/24	
Surrogate: Bromofluorobenzene		104 %	70-130		11/04/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		11/04/24	11/04/24	
Surrogate: Toluene-d8		103 %	70-130		11/04/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		107 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445038



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:12:17AM

FS02 0-0.25' E411023-02

		E:11020 02				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2445012
Benzene	ND	0.0250	1	11/04/24	11/04/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/04/24	
Toluene	ND	0.0250	1	11/04/24	11/04/24	
o-Xylene	ND	0.0250	1	11/04/24	11/04/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/04/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/04/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130	11/04/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	11/04/24	11/04/24	
Surrogate: Toluene-d8		106 %	70-130	11/04/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/04/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130	11/04/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	11/04/24	11/04/24	
Surrogate: Toluene-d8		106 %	70-130	11/04/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		105 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2445038
Chloride	ND	20.0	1	11/05/24	11/05/24	
Cinoriae		20.0				



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS03 0-0.25' E411023-03

		E 111020 00					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Benzene	ND	0.0250	1	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	l	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	l	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		104 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		104 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/04/24	11/05/24	
Surrogate: n-Nonane		99.2 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445038
Chloride	ND	20.0	1	1	11/05/24	11/05/24	



 Devon Energy - Carlsbad
 Project Name:
 Cochiti 28 Federal #001

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

 Artesia NM, 88210
 Project Manager:
 Erick Herrera
 11/8/2024
 8:12:17AM

FS04 0-0.25' E411023-04

	_	Reporting	_		_		
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2445012
Benzene	ND	0.0250	1		11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1		11/04/24	11/05/24	
Toluene	ND	0.0250	1		11/04/24	11/05/24	
o-Xylene	ND	0.0250	1		11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1		11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	[11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV	V		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1		11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/04/24	11/05/24	
Surrogate: n-Nonane		101 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: DT	Γ		Batch: 2445038
Chloride	ND	20.0	1		11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS05 0-0.25' E411023-05

Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2445012
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		101 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		104 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ai	nalyst: IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		101 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		104 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		100 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2445038
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS06 0-0.25' E411023-06

Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2445012
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		105 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		105 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		104 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2445038
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS07 0-0.25'

		E411023-07					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Benzene	ND	0.0250		1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/05/24	
Toluene	ND	0.0250		1	11/04/24	11/05/24	
o-Xylene	ND	0.0250		1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		98.2 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		98.2 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	_	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		105 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445038
Chloride	ND	20.0	•	1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS08 0-0.25'

		E411023-08					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Benzene	ND	0.0250	1	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		106 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		106 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/04/24	11/05/24	
Surrogate: n-Nonane		101 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445038

20.0

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11/05/24

11/05/24

ND



Chloride

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:12:17AM

FS09 0-0.25' E411023-09

		E411023-09					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Analyte	Kesuit	Limit	Dilu	ши	ricpared	Analyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Benzene	ND	0.0250	1	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		96.7 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		96.7 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/04/24	11/05/24	
Surrogate: n-Nonane		99.1 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445038
Chloride	ND	20.0	1	1	11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:12:17AM

FS10 0-0.25' E411023-10

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
			Dili			Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2445012
Benzene	ND	0.0250		1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/05/24	
Toluene	ND	0.0250		1	11/04/24	11/05/24	
o-Xylene	ND	0.0250		1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		100 %	50-200	·	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445038
Chloride	ND	20.0		1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/20248:12:17AM

FS11 0-0.25'

E411023-11

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Benzene	ND	0.0250	1	l	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	l	11/04/24	11/05/24	
Toluene	ND	0.0250	1	l	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	l	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130		11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		11/04/24	11/05/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	11/04/24	11/05/24	
Surrogate: n-Nonane		98.3 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445038



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:12:17AM

FS12 0-0.25' E411023-12

		E-111025-12				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2445012
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		101 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		105 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: Bromofluorobenzene		101 %	70-130	11/04/24	11/05/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/04/24	11/05/24	
Surrogate: Toluene-d8		105 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		101 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: DT		Batch: 2445038
Chloride	ND	20.0	1	11/05/24	11/05/24	<u> </u>



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS13 0-0.25' E411023-13

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2445012
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.1 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.1 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	-
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		102 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: DT		Batch: 2445038
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS14 0-0.25' E411023-14

Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Benzene	ND	0.0250	1	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		101 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		101 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/04/24	11/06/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/04/24	11/06/24	
Surrogate: n-Nonane		94.5 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445038

20.0

1

11/05/24

11/05/24

ND



Chloride

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS15 0-0.25'

		E411023-15					
		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	:	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		96.1 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		103 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		96.1 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		103 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	_	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/06/24	
Surrogate: n-Nonane		98.8 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445038
Chloride	ND	20.0		1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/20248:12:17AM

FS16 0-0.25' E411023-16

	12411023-10					
Result		Dilut	tion	Prepared	Analyzed	Notes
					rmaryzea	
mg/kg	mg/kg	A	Analyst: Γ	Y		Batch: 2445012
ND	0.0250	1	Į.	11/04/24	11/06/24	
ND	0.0250	1	Į.	11/04/24	11/06/24	
ND	0.0250	1	Į.	11/04/24	11/06/24	
ND	0.0250	1	Į.	11/04/24	11/06/24	
ND	0.0500	1	l	11/04/24	11/06/24	
ND	0.0250	1		11/04/24	11/06/24	
	100 %	70-130		11/04/24	11/06/24	
	93.5 %	70-130		11/04/24	11/06/24	
	104 %	70-130		11/04/24	11/06/24	
mg/kg	mg/kg	A	Analyst: Γ	Y		Batch: 2445012
ND	20.0	1		11/04/24	11/06/24	
	100 %	70-130		11/04/24	11/06/24	
	93.5 %	70-130		11/04/24	11/06/24	
	104 %	70-130		11/04/24	11/06/24	
mg/kg	mg/kg	A	Analyst: N	IV		Batch: 2445009
ND	25.0	1		11/04/24	11/06/24	
ND	50.0	1		11/04/24	11/06/24	
	99.5 %	50-200		11/04/24	11/06/24	
mg/kg	99.5 % mg/kg		Analyst: Γ		11/06/24	Batch: 2445038
	ND ND ND ND ND ND ND ND ND	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 MD 0.0250 100 % 93.5 % 104 % 100 % 93.5 % 104 % mg/kg mg/kg nD 25.0	Reporting Result Limit Dilu mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 100 % 70-130 70-130 93.5 % 70-130 1 mg/kg mg/kg 70-130 104 % 70-130 1 mg/kg mg/kg 104 % ND 25.0 1	Result Limit Dilution mg/kg mg/kg Analyst: I ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 93.5 % 70-130 70-130 mg/kg mg/kg Analyst: I 100 % 70-130 70-130 93.5 % 70-130 70-130 mg/kg mg/kg Analyst: N mg/kg mg/kg Analyst: N	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0500 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 93.5 % 70-130 11/04/24 104 % 70-130 11/04/24 mg/kg mg/kg Analyst: IV ND 20.0 1 11/04/24 93.5 % 70-130 11/04/24 93.5 % 70-130 11/04/24 104 % 70-130 11/04/24 mg/kg mg/kg Analyst: NV mg/kg mg/kg Analyst: NV	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 ND 0.0500 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 93.5 % 70-130 11/04/24 11/06/24 104 % 70-130 11/04/24 11/06/24 MD 20.0 1 11/04/24 11/06/24 MD 20.0 1 11/04/24 11/06/24 MD 70-130 11/04/24 11/06/24 104 % 70-130 11/04/24 11/06/24 104 % 70-130 11/04/24



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS17 0-0.25'

		E411023-17					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445012
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.7 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.7 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/06/24	
Surrogate: n-Nonane		100 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445038
Chloride	ND	20.0		1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS18 0-0.25' E411023-18

		E411025-10				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilui	non Frepared	Allalyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2445012
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY	Batch: 2445012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		93.6 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT	Batch: 2445038	
Chloride	ND	20.0	1	11/05/24	11/05/24	<u> </u>
Chioriac	110	20.0	_			



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS19 0-0.25' E411023-19

		E411023-19					
Andre	Dl4	Reporting	Dilu	4:	D 4	A a h	Notes
Analyte	Result	Limit	Dilu	iiion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2445012
Benzene	ND	0.0250	1	l	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	l	11/04/24	11/06/24	
Toluene	ND	0.0250	1	l	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	l	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	l	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	l	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.3 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.3 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/04/24	11/06/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	l	11/04/24	11/06/24	
Surrogate: n-Nonane		96.2 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT			Batch: 2445038
Chloride	ND	20.0	1	1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 8:12:17AM

FS20 0-0.25' E411023-20

		L411025-20				
Austra	Result	Reporting	Dilut	D	A l d	Notes
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY	Batch: 2445012	
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2445012
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2445009
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		102 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2445038
Chloride	ND	20.0	1	11/05/24	11/05/24	



QC Summary Data

Devon Energy - Carlsbad Project Name: Cochiti 28 Federal #001 Reported:
6488 7 Rivers Hwy Project Number: 01058-0007
Artesia NM, 88210 Project Manager: Erick Herrera 11/8/2024 8:12:17AM

Artesia NM, 88210		Project Manager	: Er	rick Herrera				11	/8/2024 8:12:17AN
	V	olatile Organi	c Compo	unds by EF	PA 82601	В			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 (2445012-BLK1)							Prepared: 11	1/04/24 Ana	lyzed: 11/04/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
LCS (2445012-BS1)							Prepared: 1	1/04/24 Ana	lyzed: 11/04/24
Benzene	2.07	0.0250	2.50		82.6	70-130			
Ethylbenzene	2.34	0.0250	2.50		93.5	70-130			
Toluene	2.24	0.0250	2.50		89.6	70-130			
o-Xylene	2.40	0.0250	2.50		96.0	70-130			
p,m-Xylene	4.82	0.0500	5.00		96.3	70-130			
Total Xylenes	7.22	0.0250	7.50		96.2	70-130			
Surrogate: Bromofluorobenzene	0.482		0.500		96.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			
LCS Dup (2445012-BSD1)							Prepared: 1	1/04/24 Ana	lyzed: 11/04/24
Benzene	2.08	0.0250	2.50		83.2	70-130	0.748	23	
Ethylbenzene	2.38	0.0250	2.50		95.0	70-130	1.57	27	
Toluene	2.29	0.0250	2.50		91.7	70-130	2.36	24	
o-Xylene	2.45	0.0250	2.50		97.9	70-130	1.98	27	
p,m-Xylene	4.88	0.0500	5.00		97.6	70-130	1.37	27	
Total Xylenes	7.33	0.0250	7.50		97.7	70-130	1.57	27	
Surrogate: Bromofluorobenzene	0.481		0.500		96.1	70-130			

0.500

0.500

99.9

70-130

70-130



Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.500

0.517

QC Summary Data

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #001Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Erick Herrera11/8/20248:12:17AM

Nonhalogenated	Organics b	v EPA	8015D -	GRO

Anal	

Aı	nalyte Resu	Reporting llt Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/k	g mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2445012-BLK1)						Prepared: 11	/04/24 Analy	yzed: 11/04/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.503		0.500	101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500	99.6	70-130			
Surrogate: Toluene-d8	0.525		0.500	105	70-130			
LCS (2445012-BS2)						Prepared: 11	/04/24 Analy	yzed: 11/04/24
Gasoline Range Organics (C6-C10)	58.9	20.0	50.0	118	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500	97.3	70-130			
Surrogate: Toluene-d8	0.532		0.500	106	70-130			
LCS Dup (2445012-BSD2)						Prepared: 11	/04/24 Anal	yzed: 11/04/24
Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	110	70-130	6.84	20	
Surrogate: Bromofluorobenzene	0.511		0.500	102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500	99.6	70-130			
Surrogate: Toluene-d8	0.537		0.500	107	70-130			



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Cochiti 28 Federal #001 01058-0007	Reported:
Artesia NM, 88210	Project Number: Project Manager:	Erick Herrera	11/8/2024 8:12:17AM

Artesia NM, 88210		Project Manage	r: Er	ick Herrera				1	1/8/2024 8:12:17AM
	Nonha	logenated Or		Analyst: NV					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2445009-BLK1)							Prepared: 1	1/04/24 Ana	alyzed: 11/05/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.9	50-200			
LCS (2445009-BS1)							Prepared: 1	1/04/24 Ana	alyzed: 11/05/24
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	53.3		50.0		107	50-200			
LCS Dup (2445009-BSD1)							Prepared: 1	1/04/24 Ana	alyzed: 11/05/24
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132	1.85	20	
Surrogate: n-Nonane	52.6		50.0		105	50-200			



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Cochiti 28 Fede 1058-0007	eral #001				Reported:
Artesia NM, 88210		Project Manager		crick Herrera					11/8/2024 8:12:17AM
		Anions	by EPA	300.0/9056	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 (2445038-BLK1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/05/24
Chloride	ND	20.0							
LCS (2445038-BS1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/05/24
Chloride	257	20.0	250		103	90-110			
LCS Dup (2445038-BSD1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/05/24
Chloride	258	20.0	250		103	90-110	0.290	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:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/08/24 08:12

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Information

Chain of Custody

Page __1__ of _12__

Client: D	evon Ener	gy Produ	ction Co I	.P	59%	1	Bill To			100		La	b Úse	Onl	v V	80723Q			T/	AŤ		EPA P	rogram
Project: (COCHITI 2	8 FEDERA	\L#001			Attentio	on: Jim Raley			Lab W	io#	32 (8) X			Num			2D	3D	Ŝt	andard	CWA	SDWA
Project N	lanager: 1	Erick Herr	era		830		s: 5315 Buena Vista Dr	. -	 	EЧI	10	12				0007		+==			day TAT		-
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Collected	by: Edyte	e Konan			560					- I	💆	802	3560	010	윷					l			
Time Sampled	Date Sampled	Matrix	No. of Containers			San	mple ID		Lab Number	Depth(ft.)	трн GRO/DRO/ORO by 8015	ВТЕХ by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		2005	l		Remarks	
9:00	10.31.24	s	1			F	FS01			0-0.25'							x						
9:05	10.31.24	s	1			F	S02	1000 E	2	0-0.25							х						
9:10	10.31.24	S	1			F	S03		3	0-0.25							x						
9:15	10.31.24	S	1			F	FS04	2 2 2	4	0-0.25							х			Ĺ			
9:20	10.31.24	s	1			F	FS05	2 3 8	5	0-0.25							x						
9:25	10.31.24	S	1			F	-S06	10 x 3 x 3 x 3 x 3 x 3 x 3 x 3 x 3 x 3 x	6	0-0.25							x						
9:30	10.31.24	S	1			F	\$07	25 25 27 27 28 28	7	0-0.25							х						
9:35	10.31.24	S	1			F	FS08	3.3.3.49 6.	8	0-0.25'							x						
9:40	10.31.24	S	1			F	-S09		3	0-0.25'							х						·
9:45	10.31.24	S	1			F	S10		30	0-0.25							х						
Addition	al Instruc	tions:						·										•					
				city of this sa nay be ground			tampering with or intentionally Sampled by: EK	/ mislabellin _i	g the sample	location	,					-					on ice the day t subsequent da		ed or received
;	d by Signe	=			Rme 21:30		gredby filmitte gong	ales ^c	10.31.	24	Time	13 C	>	Rece	lved	on ice:	ા ઉ	ab U D/ N	se On	ly			
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Sample Matr	ix: 5 - Soll, Sd	l - Solid, Sg -	Sludge, A - A	queous, O - O	ther		•		ontainer	Type: g	- glas	s, p -	poly,	/plast	ic, ag	- amber	glass,	v - V()A	* ** ******		22 C C 24 (3 6 6)	- 100 to 100 to 21
Note: Samp	les are disc	arded 30 da	ays after res	ults are rep	orted unles	s other an	rangements are made. Ha	zardous sa	mples will	be retur	ned to	clien	t or d	ispose	d of a	it the clier	t expe	nse.	The re	port f	for the analy	sis of the a	bove
samples is a	pplicable o	nly to those	e samples re	eceived by t	he laborato	ry with thi	is COC. The liability of the la	aboratory i	is limited to	the am	ount p	oaid fo	or on	the re	port.								



disposed of at the client expense. The report for the analysis of the above in the report.

Page 154 of 376

Control of the client expense. The report for the analysis of the above in the report.

Project Information

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Chain of Custody

Page __2__ of _12_

Received by OCD: 1/7/2025 2:55:56 PM

			ction Co	LP				Bill T	Го				Lab	Use	Only	У				TA	T.		EPA P	rogram
	COCHITI 2				100		ntion: Jim I				Lab W	/0#			1 dol			1D	2D	3D	Standa	rd	CWA	SDWA
	1anager: E						ress: 5315				E 4	1109	13				-000				5 day T	AT		
	13000 W								, NM, 88220)							Metho							RCRA
City, Stat	e, Zip_Od	lessa,TX,	79765			Phor	ne: 575-88!	5-7502				5.												
	32-305-64					Emai	il: jim.raley	@dvn.cor	m		1	801		- 1									State	
Email: De	von-team	n@eteche	env.com			WO:	10614762	01 – NM I	PERMIAN A	BANDON	1) by					- 1				NM	CO	UT AZ	TX
						Incid	dent ID: nRi	M201405	9324		1	ORC							1					
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Collected	by: Edyte	e Konan									<u>i</u>	0/0	, 8021	8260	601	e 30	1				×			
Time Sampled	Date Sampled	Matrix	No. of Containers				Sample ID			Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by	VOC by	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks	
9:50	10.31.24	S	1					10	0-0.25'							х								
9:55	10.31.24	S	1				FS12			12	0-0.25'							х						
10:00	10.31.24	S	1			00/AR	FS13			13	0-0.25'							х						
10:05	10.31.24	S	1				FS14			14	0-0.25'							х						
10:10	10.31.24	S	1				FS15			15	0-0.25'							х						
10:15	10.31.24	S	1				FS16			16	0-0.25'							х						
10:20	10.31.24	S	1				FS17			17	0-0.25'							х						
10:25	10.31.24	S	1				FS18			18	0-0.25'							х						·
10:30	10.31.24	S	1				FS19			19	0-0.25'							х						
10:35	10.31.24	S	1			all	FS20			20	0-0.25'							х						
Addition	al Instruc	tions:					-																	
				ticity of this sar may be ground				with or intent ampled by:	tionally mislabel EK	ling the sampl	e location	,									eived on ice th °C on subsequ			ed or receive
	ed by: (Signa	4	Date		Lime 21:3				opyrles	Date 10-31-	24	Time	130		Rece	ived	on ice:		ab U:	se On	У			
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Relinguishe	ed by: (Sight	ature)	Date	1.24	Time L.4/s	0	Received by:	(Signature)	,	Date	-24	Time	730		AVG	Tem	p°C_	4						
Sample Matr	ix: S - Soil, So	d - Solid, Sg -	Sludge, A - A	Aqueous, O - O	ther					Container	Type: g					_		glass	v - V0	DA		1		
Note: Samp	oles are disc	carded 30 d	ays after re	esults are repo	orted unle	ess othe	er arrangeme	nts are mad	e. Hazardous												ort for the	analy	sis of the a	bove
									f the laborator									•						



Printed: 11/4/2024 9:26:27AM

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: Dev	von Energy - Carlsbad	Date Received:	11/04/24 07	:30	Work Order ID:	E411023
Phone: (57:	5) 748-0176	Date Logged In:	11/04/24 09	:05	Logged In By:	Noe Soto
Email:		Due Date:	11/12/24 17	:00 (6 day TAT)		
Chain of Cust	tody (COC)					
1. Does the sa	mple ID match the COC?		Yes			
2. Does the nu	imber of samples per sampling site location mat	ch the COC	Yes			
3. Were sampl	es dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
4. Was the CO	OC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes			
Not	mples received within holding time? te: Analysis, such as pH which should be conducted in 15 minute hold time, are not included in this disucssic		Yes		Comment	s/Resolution
· · · · · · · · · · · · · · · · · · ·	Around Time (TAT)					
	C indicate standard TAT, or Expedited TAT?		Yes		Project Cochiti 28 Fede	ral #001 has been
Sample Coole	er				separated into multiple	WOs due to high
	ble cooler received?		Yes		sample volume, WOs an	-
8. If yes, was o	cooler received in good condition?		Yes		E411028.	C E 111023
9. Was the san	nple(s) received intact, i.e., not broken?		Yes		E411020.	
10. Were custo	ody/security seals present?		No			
	re custody/security seals intact?		NA			
12. Was the sam Not	riple received on ice? If yes, the recorded temp is 4°C, te: Thermal preservation is not required, if samples are nutes of sampling le ice, record the temperature. Actual sample	received w/i 15	Yes			
		temperature. 4	<u>c</u>			
Sample Conta	us VOC samples present?		No			
-	samples collected in VOA Vials?		NA			
	I space less than 6-8 mm (pea sized or less)?		NA			
	blank (TB) included for VOC analyses?		NA			
_	OC samples collected in the correct containers?		Yes			
	opriate volume/weight or number of sample contain		Yes			
Field Label						
	sample labels filled out with the minimum info	rmation:				
Sampl			Yes			
	Fime Collected?		Yes	'		
	etors name?		No			
Sample Prese	ervation COC or field labels indicate the samples were pr	acarriad?	No			
	e(s) correctly preserved?	esciveu:	NA			
	ration required and/or requested for dissolved m	etals?	No			
	ample Matrix	• • • • • • • • • • • • • • • • • • • •	110			
	ample watrix ample have more than one phase, i.e., multiphas	a?	No			
	es the COC specify which phase(s) is to be analy		No			
		zcu:	NA			
Subcontract I						
_	es required to get sent to a subcontract laborator	•	No			
29. Was a subc	contract laboratory specified by the client and if	so who?	NA S	Subcontract Lab	o: NA	
Client Instru	<u>iction</u>					

Date

Report to:
Erick Herrera



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cochiti 28 Federal #001

Work Order: E411024

Job Number: 01058-0007

Received: 11/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/11/24

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

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

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

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

Date Reported: 11/11/24

Erick Herrera 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Cochiti 28 Federal #001

Workorder: E411024

Date Received: 11/4/2024 7:30:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2024 7:30:00AM, under the Project Name: Cochiti 28 Federal #001.

The analytical test results summarized in this report with the Project Name: Cochiti 28 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:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/11/24 12:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS21 0-0.25'	E411024-01A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS22 0-0.25'	E411024-02A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS23 0-0.25'	E411024-03A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS24 0-0.25'	E411024-04A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS25 0-0.25'	E411024-05A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS26 0-0.25'	E411024-06A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS27 0-0.25'	E411024-07A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS28 0-0.25'	E411024-08A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS29 0-0.25'	E411024-09A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS30 0-0.25'	E411024-10A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS31 0-0.25'	E411024-11A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS32 0-0.25'	E411024-12A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS33 0-0.25'	E411024-13A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS34 0-0.25'	E411024-14A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS35 0-0.25'	E411024-15A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS36 0-0.25'	E411024-16A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS37 0-0.25'	E411024-17A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS38 0-0.25'	E411024-18A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS39 0-0.25'	E411024-19A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS40 0-0.25'	E411024-20A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/11/2024 12:56:04PM

FS21 0-0.25' E411024-01

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.2 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.2 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		93.1 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS22 0-0.25'

		7					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		106 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		106 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		88.1 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039
· · · · · · · · · · · · · · · · · · ·	ND	20.0		1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS23 0-0.25'

E411024-03 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2445013 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 11/04/24 11/06/24 ND 0.0250 Benzene 1 11/04/24 11/06/24 Ethylbenzene ND 0.0250 ND 0.0250 1 11/04/24 11/06/24 Toluene 1 11/04/24 11/06/24 o-Xylene ND 0.0250 11/04/24 11/06/24 ND 0.0500 1 p,m-Xylene 11/04/24 11/06/24 1 Total Xylenes ND 0.0250 11/06/24 11/04/24 Surrogate: Bromofluorobenzene 99.8 % 70-130 11/06/24 Surrogate: 1,2-Dichloroethane-d4 96.0 % 70-130 11/04/24 Surrogate: Toluene-d8 104 % 70-130 11/04/24 11/06/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2445013 ND 1 11/04/24 11/06/24 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 99.8 % 11/04/24 11/06/24 70-130 11/04/24 96.0 % 11/06/24 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 11/04/24 11/06/24 104 % 70-130 mg/kg Analyst: NV Batch: 2445018 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 11/04/24 11/05/24 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 11/04/24 11/05/24 Oil Range Organics (C28-C36) 88.9 % 50-200 11/04/24 11/05/24 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: DT Batch: 2445039

20.0

ND

1

11/05/24

11/05/24

Chloride

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS24 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		95.3 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		95.3 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		88.7 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS25 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	į	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene	·	99.6 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		93.6 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/11/2024 12:56:04PM

FS26 0-0.25' E411024-06

		12411024-00				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2445013
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.2 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.2 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		90.0 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2445039
Chloride	ND	20.0	1	11/05/24	11/05/24	<u> </u>



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS27 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.4 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.4 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		90.8 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS28 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		97.7 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		97.7 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		92.6 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039
						11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS29 0-0.25' E411024-09

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2445013
Benzene	ND	0.0250	1	11/04/24	11/06/24	Buten: 2 : 10010
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.8 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		102 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.8 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		102 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	-
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		89.2 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: DT		Batch: 2445039
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS30 0-0.25' E411024-10

Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		88.9 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039

20.0

1

11/05/24

11/05/24

ND



Chloride

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS31 0-0.25'

		, , , , , , , , , , , , , , , , , , , ,					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.8 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		103 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.8 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		103 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		84.2 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039
I mions by Elife outer, de dil							



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS32 0-0.25'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2445013
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		91.5 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2445039



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS33 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Benzene	ND	0.0250	1	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/04/24	11/05/24	
Surrogate: n-Nonane		91.9 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS34 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		85.6 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039
	21.3	20.0		1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS35 0-0.25' E411024-15

		L-11102-1-13				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilut	ion Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2445013
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		90.7 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2445039
Chloride	ND	20.0	1	11/05/24	11/05/24	
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS36 0-0.25' E411024-16

Reporting Analyte Result Limit Dilution Prepared Analyzed Notes Analyst: IY Batch: 2445013 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 11/04/24 11/06/24 ND 0.0250 Benzene 1 11/04/24 11/06/24 Ethylbenzene ND 0.0250ND 0.02501 11/04/24 11/06/24 Toluene 1 11/04/24 11/06/24 ND o-Xylene 0.02501 11/04/24 11/06/24 ND 0.0500 p,m-Xylene 11/06/24 11/04/24 0.0250 1 Total Xylenes ND 11/06/24 99.0 % 11/04/24 Surrogate: Bromofluorobenzene 70-130 90.9 % 11/06/24 Surrogate: 1,2-Dichloroethane-d4 70-130 11/04/24 Surrogate: Toluene-d8 104 % 70-130 11/04/24 11/06/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2445013 ND 11/04/24 11/06/24 20.0 1 Gasoline Range Organics (C6-C10)

Surrogate: Bromofluorobenzene		99.0 %	70-130	11/	04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130	11/	04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130	11/	04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0		1 11/	04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1 11/	/04/24	11/05/24	
Surrogate: n-Nonane		90.7 %	50-200	11/	04/24	11/05/24	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2445039
Chloride	ND	20.0	1	11/05/24	11/05/24	

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS37 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2445013
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	Ī	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		89.4 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039
·		20.0			11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/11/2024 12:56:04PM

FS38 0-0.25'

		E411024-18					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg Anal		Analyst:	IY		Batch: 2445013
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0	•	1	11/04/24	11/05/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		90.5 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445039
Chloride	ND	20.0		1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS39 0-0.25' E411024-19

		L-111024-17				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Allarytt	Result	Liiiit			Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2445013
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		104 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		88.9 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2445039
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

FS40 0-0.25' E411024-20

Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2445013
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		100 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2445013
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		100 %	70-130	11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2445018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		87.6 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2445039
Chloride	ND	20.0	1	11/05/24	11/05/24	



QC Summary Data

Devon Energy - Carlsbad Project Name: Cochiti 28 Federal #001 Reported:
6488 7 Rivers Hwy Project Number: 01058-0007
Artesia NM, 88210 Project Manager: Erick Herrera 11/11/2024 12:56:04PM

Artesia NM, 88210		Project Manage	r: Er	rick Herrera				11/1	1/2024 12:56:04P
	Vo	olatile Organ	ic Compo	unds by EF	PA 82601	В			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 (2445013-BLK1)							Prepared: 11	1/04/24 Anal	yzed: 11/05/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			
LCS (2445013-BS1)							Prepared: 1	1/04/24 Anal	yzed: 11/05/24
Benzene	2.29	0.0250	2.50		91.7	70-130			
Ethylbenzene	2.52	0.0250	2.50		101	70-130			
Toluene	2.46	0.0250	2.50		98.3	70-130			
o-Xylene	2.57	0.0250	2.50		103	70-130			
o,m-Xylene	5.18	0.0500	5.00		104	70-130			
Total Xylenes	7.75	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			
LCS Dup (2445013-BSD1)							Prepared: 11	1/04/24 Anal	yzed: 11/05/24
Benzene	2.69	0.0250	2.50		107	70-130	15.8	23	
Ethylbenzene	2.91	0.0250	2.50		116	70-130	14.2	27	
Toluene	2.83	0.0250	2.50		113	70-130	14.2	24	
o-Xylene	3.02	0.0250	2.50		121	70-130	16.2	27	
o,m-Xylene	6.09	0.0500	5.00		122	70-130	16.2	27	
Total Xylenes	9.11	0.0250	7.50		121	70-130	16.2	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			

0.500

70-130



Surrogate: Toluene-d8

0.518

QC Summary Data

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #001Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Erick Herrera11/11/2024 12:56:04PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

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 (2445013-BLK1)						Prepared: 11	/04/24 Analyz	ed: 11/05/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.503		0.500	101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500	96.4	70-130			
Surrogate: Toluene-d8	0.521		0.500	104	70-130			
LCS (2445013-BS2)						Prepared: 11	/04/24 Analyz	ed: 11/05/24
Gasoline Range Organics (C6-C10)	58.5	20.0	50.0	117	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500	98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500	96.8	70-130			
Surrogate: Toluene-d8	0.531		0.500	106	70-130			
LCS Dup (2445013-BSD2)						Prepared: 11	/04/24 Analyz	ed: 11/05/24
Gasoline Range Organics (C6-C10)	63.7	20.0	50.0	127	70-130	8.48	20	
Surrogate: Bromofluorobenzene	0.519		0.500	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500	94.9	70-130			
Surrogate: Toluene-d8	0.529		0.500	106	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	·
Artesia NM, 88210	Project Manager:	Erick Herrera	11/11/2024 12:56:04PM

Artesia NM, 88210		Project Manage	r: Er	ick Herrera				11.	/11/2024 12:56:04PM					
	Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: NV													
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes					
Blank (2445018-BLK1)							Prepared: 1	1/04/24 Ana	alyzed: 11/05/24					
Diesel Range Organics (C10-C28)	ND	25.0												
Oil Range Organics (C28-C36)	ND	50.0												
Surrogate: n-Nonane	43.5		50.0		87.1	50-200								
LCS (2445018-BS1)							Prepared: 1	1/04/24 Ana	lyzed: 11/05/24					
Diesel Range Organics (C10-C28)	236	25.0	250		94.5	38-132								
Surrogate: n-Nonane	46.1		50.0		92.3	50-200								
LCS Dup (2445018-BSD1)							Prepared: 1	1/04/24 Ana	lyzed: 11/05/24					
Diesel Range Organics (C10-C28)	239	25.0	250		95.6	38-132	1.17	20						
Surrogate: n-Nonane	46.9		50.0		93.8	50-200								

LCS Dup (2445039-BSD1)

Chloride

Prepared: 11/05/24 Analyzed: 11/05/24

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	0	ochiti 28 Fede 1058-0007 rick Herrera	ral #001			1	Reported: 1/11/2024 12:56:04PM						
		Anions by EPA 300.0/9056A													
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes						
Blank (2445039-BLK1)	mg kg	mg kg	mg kg	mg/kg				% % Notes pared: 11/05/24 Analyzed: 11/05/24							
Chloride	ND	20.0													
LCS (2445039-BS1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/05/24						
Chloride	253	20.0	250		101	90-110									

250

20.0

101

90-110

0.158

253

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:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/11/24 12:56

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.



Project Information
Client: Devon Energ

Client: Devon Energy Production Co LP Project: COCHITI 28 FEDERAL #001					Bill To				Lal	b Use	e Onl	У					TA	Т		EPA F	rogram		
					Att	tention: Jim Raley			Lab W	/0#			Job	Num	ber					Sta	ndard	CWA	SDWA
	1anager: I				Ad	dress: 5315 Buen	a Vista Dr.		EHI	10	24		OK	58	-000	7				5 da	ay TAT		
Address:	13000 W	County F	Rd 100		Cit	y, State, Zip: Carls	sbad, NM, 88220							Analysis and Method									RCRA
City, Stat	e, Zip_Od	lessa,TX,	79765		Ph	Phone: 575-885-7502				2								T					
Phone: 4	32-305-64	416			Em	Email: jim.raley@dvn.com			1	801								- 1				State	
Email: De	von-tean	n@eteche	env.com		W	WO: 1061476201 - NM PERMIAN ABANDOI			1	by C						- 1			xt Dodg Sist be recessed than 6 to see Only	1	VM CO	UT AZ	TX
					Inc	ident ID: nRM201	14059324		1	ORC										Г			
Collected	by: Edyte	e Konan							73	J/DRO/	8021	8260	010	300.0			Σ		¥				
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	втех by	VOC by 8260	Metals 6010	Chloride			BGDOC		GDOC		<u> </u>	Remark	5
10:40	10.31.24	S	1			FS21		1	0-0.25'								х						
10:45	10.31.24	S	1			FS22		2	0-0.25'								х						
10:50	10.31.24	S	1			FS23		3	0-0.25'								х						
10:55	10.31.24	S	1			FS24		4	0-0.25'								х						
11:00	10.31.24	S	1	FS25				5	0-0.25'								х						
11:05	10.31.24	S	1	FS26				6	0-0.25'								х						
11:10	10.31.24	S	1			FS27		7	0-0.25'								х						
11:15	10.31.24	S	1			FS28		8	0-0.25'								х						
11:20	10.31.24	S	1			FS29		9	0-0.25'								х						
11:25	10.31.24	S	1			FS30		10	0-0.25'								х						
Addition	al Instruc	tions:																					
					ample. I am aware	that tampering with or Sampled	/	ing the sample	e location	,			SAMULEOUS		Marie Control of the Control						ice the day obsequent da	200-000 30000 - 200000 - 110	oled or received
	d by: (Sign	_		31124	71:30	Redeived by: (Signa	Gonzales	Date 10-31-2	4	Time	30		Rece	eived	on ice		Lat		e Onl	У			
		Time 25	Received by Signa	xure)	Date 1/-/-7		Time	3	>	T1				T2			Т	73					
Relinguishe	by (Signa	ature)	Date	.24	Time 1/20	Received by: (Signa	ature)	Date		Time	730)		Tom	p °C	4	1						
iamole Mate	ix: S - Soil Se	I - Solid Se -	Sludge, A - A		Other	INOC 2	2/0	Container					-	-				- 1/0	۸				
						her arrangements are	made Hazardous													ort for	r the anal	rsir of the	ahouo
						ith this COC. The ligh									it the till	LIII C	evheils	c. 1	iic rep	.01 € 101	anc and	JOIS OF LIFE	above.



Project Information

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Page	71	OT	12

Received by OCD: 1/7/2025 2:55:56 PM

Client: D	evon Ener	gy Produ	ction Co L	.Р	1938	8	Bill To					Lal	b Us	e Onl	У	-				TAT	•	EPA P	rogram
Project: 0	COCHITI 2	8 FEDERA	AL #001			Atten	tion: Jim Raley			Lab W		4.78		Job	Num	ber		D 2) 3	BD	Standard	CWA	SDWA
Project N	lanager: l	Erick Herr	era			Addre	ess: 5315 Buena Vista	Dr.		EHI	103	14		00	sg -	Food					5 day TAT		
	13000 W					City, S	State, Zip: Carlsbad, N	M, 88220			7		A	Analys	is an	d Meth	od						RCRA
	e, Zip_Od		79765		3.0	Phone	e: 575-885-7502				15												
Phone: 432-305-6416 Email: jim.raley@dvn.com						, 801											State						
Email: De	evon-team	n@eteche	env.com			WO: 1	1061476201 – NM PER	RMIAN AB	ANDON		O by										NM CO	UT AZ	TX
						Incide	ent ID: nRM201405932	24			J/OR				0			5					
Collected	by: Edyte	e Konan								T T	O/DR	8021	8260	6010	e 300.		- 1	Z Z	ì	ř	×		
Time Sampled	Date Sampled	Matrix	No. of Containers			S	ample ID		Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0			верос	0	2000		Remarks	
11:30	10.31.24	S	1				FS31		10	0-0.25'								х					
11:35	10.31.24	S	1				FS32		12	0-0.25'								х					
11:40	10.31.24	S	1				FS33		13	0-0.25'								х					
11:45	10.31.24	S	1				FS34		14	0-0.25'								х					
11:50	10.31.24	S	1		FS35			15	0-0.25'								х						
11:55	10.31.24	S	1		FS36			16	0-0.25'								х						
12:00	10.31.24	S	1				FS37		17	0-0.25								х					
12:05	10.31.24	S	1				FS38		18	0-0.25'								х					
12:10	10.31.24	S	1				FS39		19	0-0.25								х					
12:15	10.31.24	S	1				FS40		20	0-0.25'								х					
Addition	al Instruc	tions:																					
10000			and authenti d fraud and m				at tampering with or intention Sampled by: EK		ng the sampl	e location											ved on ice the day t C on subsequent da		ed or received
Relinquish	ed by: (Signa	ature)	Date 10 [31/24	Time 21:3		eceived by: (Signature)		Date 10-31	24	Time	137	5	Rece	eived	on ice	: (Lab Y)/		Only			
Relinquish	ed by: (Sign	ture)	6 Date	-1-24	Time 172	5 R	eceived by: (Signature)		Date //-/- Date		Time			T1			Ī	2			T3		
Relinquish	ed by: Signa	ature)	Date		Time	40	eceived by: (Signature)							1000									
(And	w J	1.	11.	1.24	240	0 1	voe Sot	-	11-4-						17/4 211	p°C_							101
12 Dec 12 12 12 12 12 12 12 12 12 12 12 12 12			Sludge, A - A	DE COLUMN TO THE OWNER OF THE OWNER OWNER OF THE OWNER OWNE	A-my/L-A-				Container														
							arrangements are made. this COC. The liability of th									at the cli	ent e	xpense	. The	e repo	ort for the analy	sis of the a	bove
annhies 12	applicable (my to thos	c samples it	rreiven ny i	ric iannigl	LUIY WILL	tina Coc. The liability of th	ic landiatol)	13 milled (o the all	Julit	valu (UI UII	me re	holl.								



disposed of at the client expense. The report for the analysis of the above in the report.

Page 188 of 376

Printed: 11/4/2024 9:39:25AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

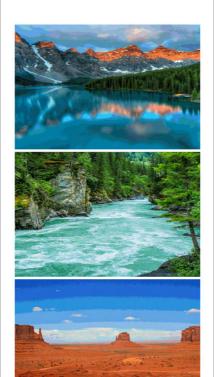
Instructions: Please take note of any NO checkmarks.

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:	11/04/24 (07:30	Work Order ID: E411024
Phone:	(575) 748-0176 I	Date Logged In:	11/04/24 (Logged In By: Noe Soto
Email:		Due Date:		17:00 (6 day TAT)	Logged III By. 1.00 Solo
Chain of	Custody (COC)				
	he sample ID match the COC?		Yes		
	he number of samples per sampling site location match	the COC	Yes		
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	e COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes		
5. Were a	all samples received within holding time?	·	Yes		
	Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion				Comments/Resolution
Sample 7	Turn Around Time (TAT)				
	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Cochiti 28 Federal #001 has been
Sample 0	<u>Cooler</u>				separated into multiple WOs due to high
7. Was a	sample cooler received?		Yes		sample volume, WOs are E411023 -
8. If yes,	was cooler received in good condition?		Yes		E411028.
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		LT11020.
10. Were	custody/security seals present?		No		
	, were custody/security seals intact?		NA		
	ne sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are reminutes of sampling	eceived w/i 15	Yes		
	visible ice, record the temperature. Actual sample to	mperature: 4-0	<u>C</u>		
	Container		».T		
	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)?				
	a trip blank (TB) included for VOC analyses?		NA		
	on-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container	ra gollootod?	Yes Yes		
Field La	****	is confected?	165		
	field sample labels filled out with the minimum inform	nation:			
	ample ID?	nution.	Yes		
	Date/Time Collected?		Yes		
C	Collectors name?		No		
	Preservation_				
	the COC or field labels indicate the samples were pres	served?	No		
	ample(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved me	tals?	No		
	ase Sample Matrix				
	the sample have more than one phase, i.e., multiphase		No		
27. If yes	s, does the COC specify which phase(s) is to be analyze	ed?	NA		
Subconti	ract Laboratory				
28. Are s	amples required to get sent to a subcontract laboratory	?	No		
29. Was a	a subcontract laboratory specified by the client and if s	o who?	NA	Subcontract Lab	o: NA
Client I	<u>nstruction</u>				
	 -				

Date

Report to:
Erick Herrera





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cochiti 28 Federal #001

Work Order: E411025

Job Number: 01058-0007

Received: 11/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/8/24

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

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

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

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

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

Date Reported: 11/8/24

Erick Herrera 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Cochiti 28 Federal #001

Workorder: E411025

Date Received: 11/4/2024 7:30:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2024 7:30:00AM, under the Project Name: Cochiti 28 Federal #001.

The analytical test results summarized in this report with the Project Name: Cochiti 28 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:	Cochiti 28 Federal #001	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/08/24 08:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS41 0-0.25'	E411025-01A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS42 0-0.25'	E411025-02A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS43 0-0.25'	E411025-03A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS44 0-0.25'	E411025-04A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS45 0-0.25'	E411025-05A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS46 0-0.25'	E411025-06A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS47 0-0.25'	E411025-07A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS48 0-0.25'	E411025-08A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS49 0-0.25'	E411025-09A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS50 0-0.25'	E411025-10A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS51 0-0.25'	E411025-11A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS52 0-0.25'	E411025-12A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS53 0-0.25'	E411025-13A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS54 0-0.25'	E411025-14A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS55 0-0.25'	E411025-15A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS56 0-0.25'	E411025-16A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS57 0-0.25'	E411025-17A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS58 0-0.25'	E411025-18A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS59 0-0.25'	E411025-19A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS60 0-0.25'	E411025-20A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS41 0-0.25' E411025-01

	E411025-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: BA		Batch: 2445014
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0500	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
	99.8 %	70-130	11/04/24	11/05/24	
mg/kg	mg/kg	Analy	vst: BA		Batch: 2445014
ND	20.0	1	11/04/24	11/05/24	
	88.8 %	70-130	11/04/24	11/05/24	
mg/kg	mg/kg	Analy	vst: NV		Batch: 2445019
ND	25.0	1	11/04/24	11/06/24	
ND	50.0	1	11/04/24	11/06/24	
	101 %	50-200	11/04/24	11/06/24	
mg/kg	mg/kg	Analy	vst: WF		Batch: 2445040
ND	20.0	1	11/05/24	11/05/24	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg Mg/kg mg/kg ND 20.0 88.8 % mg/kg ND 25.0 ND 50.0 101 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 MD 20.0250 1 Mg/kg mg/kg Analy ND 20.0 1 88.8 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 101 % 50-200 1	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0500 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/04/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/04/24 ND 50.0 1 11/04/24 ND 50.0 1 11/04/24 ND 50.0 1 11/04/24 mg/kg mg/kg Analyst: WF	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 11/04/24 11/05/24 ND 0.0250 1 11/04/24 11/05/24 ND 0.0250 1 11/04/24 11/05/24 ND 0.0500 1 11/04/24 11/05/24 ND 0.0250 1 11/04/24 11/05/24 ND 0.0250 1 11/04/24 11/05/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/04/24 11/05/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/04/24 11/05/24 ND 25.0 1 11/04/24 11/06/24 ND 50.0 1 11/04/24 11/06/24 ND 50.0 1 11/04/24 11/06/24 Mg/kg mg/kg Analyst: WF </td

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS42 0-0.25'

		E411025-02				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.4 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		96.4 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS43 0-0.25'

E411025-03

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: BA			Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		98.0 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	



Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS44 0-0.25' E411025-04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	:: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst	: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130		11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1		11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1		11/04/24	11/06/24	
Surrogate: n-Nonane		91.9 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2445040
Chloride	ND	20.0	1	l	11/05/24	11/05/24	

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS45 0-0.25'

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		99.8 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS46 0-0.25'

E411025-06						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
p-Xylene	ND	0.0250	1	11/04/24	11/05/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		99.1 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS47 0-0.25'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: BA			Batch: 2445014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.1 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		96.1 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS48 0-0.25'

E411025-08

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepare	ed Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	analyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/2	24 11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/2	24 11/05/24	
Toluene	ND	0.0250	1	11/04/2	24 11/05/24	
o-Xylene	ND	0.0250	1	11/04/2	24 11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/2	24 11/05/24	
Total Xylenes	ND	0.0250	1	11/04/2	24 11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/2	24 11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/2	24 11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	11/04/2	24 11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/2	24 11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/2	24 11/06/24	
Surrogate: n-Nonane		97.6 %	50-200	11/04/2	24 11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: WF		Batch: 2445040
Chloride	82.5	20.0	1	11/05/2	24 11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS49 0-0.25'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		97.6 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: WF		Batch: 2445040
Chloride	90.6	20.0	1	11/05/24	11/05/24	•



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS50 0-0.25'

E411025-10						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.1 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		91.4 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS51 0-0.25'

E411025-11

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2445014
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0500	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
	100 %	70-130	11/04/24	11/05/24	
mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2445014
ND	20.0	1	11/04/24	11/05/24	
	87.7 %	70-130	11/04/24	11/05/24	
mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2445019
ND	25.0	1	11/04/24	11/06/24	
ND	50.0	1	11/04/24	11/06/24	
	99.2 %	50-200	11/04/24	11/06/24	
mg/kg	mg/kg	Ar	nalyst: WF		Batch: 2445040
ND	20.0	1	11/05/24	11/05/24	
ND	20.0	1	11/05/24	11/05/24	
	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 MD 0.0250 MD 0.0250 MD 87.7 % mg/kg mg/kg ND 25.0 ND 50.0 99.2 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Ar 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 Ar ND 20.0 1 87.7 % 70-130 mg/kg mg/kg Ar ND 25.0 1 ND 50.0 1 99.2 % 50-200 mg/kg mg/kg Ar	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0500 1 11/04/24 ND 0.0250 1 11/04/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/04/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/04/24 ND 25.0 1 11/04/24 ND 50.0 1 11/04/24 MD 50.0 1 11/04/24 Mg/kg mg/kg Analyst: NV	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 11/04/24 11/05/24 ND 0.0500 1 11/04/24 11/05/24 ND 0.0250 1 11/04/24 11/05/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/04/24 11/05/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/04/24 11/05/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/04/24 11/06/24 ND 50.0 1 11/04/24 11/06/24 ND 50.0 1 11/04/24 11/06/24 mg/kg mg/kg



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS52 0-0.25'

E411025-12						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		99.8 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS53 0-0.25'

E411025-13

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.1 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		97.7 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	



Anions by EPA 300.0/9056A

Chloride

Sample Data

Г	Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS54 0-0.25'

E411025-14 Reporting Analyte Limit Dilution Analyzed Notes Result Prepared Analyst: BA Batch: 2445014 mg/kg mg/kg Volatile Organics by EPA 8021B 11/04/24 11/05/24 ND 0.0250 Benzene 1 11/04/24 11/05/24 Ethylbenzene ND 0.0250ND 0.02501 11/04/24 11/05/24 Toluene 1 11/04/24 11/05/24 o-Xylene ND 0.02501 11/04/24 11/05/24 ND 0.0500 p,m-Xylene 11/04/24 11/05/24 1 Total Xylenes ND 0.025099.7 % 11/04/24 11/05/24 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: BA Batch: 2445014 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 11/04/24 11/05/24 ND 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 89.0 % 11/04/24 11/05/24 70-130 mg/kg mg/kg Analyst: NV Batch: 2445019 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 11/04/24 11/06/24 Diesel Range Organics (C10-C28) ND 11/04/24 11/06/24 Oil Range Organics (C28-C36) 50.0 1 11/04/24 11/06/24 Surrogate: n-Nonane 98.4 % 50-200

mg/kg

20.0

mg/kg

ND

Analyst: WF

11/05/24

11/05/24

1



Batch: 2445040

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS55 0-0.25'

E411025-15

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		98.2 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	



Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS56 0-0.25'

E411025-16								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2445014		
Benzene	ND	0.0250	1	11/04/24	11/05/24			
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24			
Toluene	ND	0.0250	1	11/04/24	11/05/24			
o-Xylene	ND	0.0250	1	11/04/24	11/05/24			
o,m-Xylene	ND	0.0500	1	11/04/24	11/05/24			
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24			
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/05/24			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2445014		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24			
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	11/04/24	11/05/24			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2445019		
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24			
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24			
Surrogate: n-Nonane		99.7 %	50-200	11/04/24	11/06/24			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2445040		
Chloride	ND	20.0	1	11/05/24	11/05/24			



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS57 0-0.25'

F411	025 - 1	17

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		97.3 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	•



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS58 0-0.25'

E411025-18								
Reporting								
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2445014		
Benzene	ND	0.0250	1	11/04/24	11/05/24			
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24			
Toluene	ND	0.0250	1	11/04/24	11/05/24			
o-Xylene	ND	0.0250	1	11/04/24	11/05/24			
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24			
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24			
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/05/24			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2445014		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24			
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	11/04/24	11/05/24			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2445019		
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24			
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24			
Surrogate: n-Nonane		99.0 %	50-200	11/04/24	11/06/24			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: WF		Batch: 2445040		
Chloride	ND	20.0	1	11/05/24	11/05/24			



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS59 0-0.25'

		E411025-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		95.5 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

FS60 0-0.25'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2445014
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2445014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445019
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		102 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2445040
Chloride	ND	20.0	1	11/05/24	11/05/24	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		058-0007 ick Herrera				11	/8/2024 8:16:03AM
		Volatile O	rganics b	y EPA 802	1B				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 (2445014-BLK1)						F	Prepared: 11	1/04/24 Ana	lyzed: 11/05/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			
LCS (2445014-BS1)						F	Prepared: 11	1/04/24 Ana	lyzed: 11/05/24
Benzene	4.22	0.0250	5.00		84.4	70-130			
Ethylbenzene	4.31	0.0250	5.00		86.2	70-130			
Toluene	4.33	0.0250	5.00		86.5	70-130			
o-Xylene	4.33	0.0250	5.00		86.6	70-130			
p,m-Xylene	8.81	0.0500	10.0		88.1	70-130			
Total Xylenes	13.1	0.0250	15.0		87.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.7	70-130			
LCS Dup (2445014-BSD1)						F	Prepared: 11	1/04/24 Ana	lyzed: 11/05/24
Benzene	4.88	0.0250	5.00		97.6	70-130	14.5	20	
Ethylbenzene	4.98	0.0250	5.00		99.6	70-130	14.4	20	
Toluene	5.00	0.0250	5.00		100	70-130	14.4	20	
o-Xylene	5.01	0.0250	5.00		100	70-130	14.5	20	
p,m-Xylene	10.2	0.0500	10.0		102	70-130	14.2	20	
Total Xylenes	15.2	0.0250	15.0		101	70-130	14.3	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

Artesia NM, 88210		Project Manager		ick Herrera				11/	8/2024 8:16:03AM
	Non	halogenated (Organics l	by EPA 80	15D - G	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 (2445014-BLK1)						I	Prepared: 11	1/04/24 Anal	yzed: 11/05/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.8	70-130			
LCS (2445014-BS2)						I	Prepared: 11	1/04/24 Anal	yzed: 11/05/24
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			
LCS Dup (2445014-BSD2)						I	Prepared: 11	1/04/24 Anal	yzed: 11/05/24
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130	0.678	20	

70-130

7.16

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 8:16:03AM

Artesia NM, 88210		Project Manager	r: Er	ick Herrera				11	/8/2024 8:16:03AM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2445019-BLK1)							Prepared: 1	1/04/24 Ana	lyzed: 11/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.7		50.0		99.3	50-200			
LCS (2445019-BS1)							Prepared: 1	1/04/24 Ana	lyzed: 11/06/24
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	52.7		50.0		105	50-200			
LCS Dup (2445019-BSD1)							Prepared: 1	1/04/24 Ana	lyzed: 11/06/24
Diesel Range Organics (C10-C28)	266	25.0	250		106	38-132	1.34	20	
Surrogate: n-Nonane	51.2		50.0		102	50-200			

LCS Dup (2445040-BSD1)

Chloride

251

Prepared: 11/05/24 Analyzed: 11/05/24

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	0	ochiti 28 Fede 1058-0007	ral #001				Reported:	
Artesia NM, 88210		Project Manager:	: E	rick Herrera					11/8/2024 8:16:03AM
		Anions	by EPA	300.0/9056	4				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2445040-BLK1)							Prepared: 1	1/05/24 Ar	nalyzed: 11/05/24
Chloride	ND	20.0							
LCS (2445040-BS1)							Prepared: 1	1/05/24 An	nalyzed: 11/05/24
Chloride	251	20.0	250		100	90-110			

250

20.0

100

90-110

0.117

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:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/08/24 08:16

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

Project Information	1
Client: Devon Ener	<u></u>

Received by OCD: 1/7/2025 2:55:56 PM

Client: D	evon Ener	gy Produ	ction Co L	Р			Bill	То			78. V	Lak	o Use	e Onl	ly				TA	\T		EPA P	rogram	
	COCHITI 2						tion: Jim Raley			Lab W	0#			Job			10	2D	3D	Sta	andard	CWA	SDWA	_
	/lanager: l					Addre	ess: 5315 Buena Vi	ista Dr.		E41	103	5		010	58-	F000				5 0	day TAT			
	13000 W					- 11	State, Zip: Carlsbac	d, NM, 88220					1	Analys	sis an	d Metho	d						RCRA	
	e, Zip_Od		79765		100	Phone: 575-885-7502				15														
	32-305-64					Email: jim.raley@dvn.com				/ 80:											State			
Email: De	evon-team	n@eteche	env.com		- 1		1061476201 - NM		ANDON		O by										NM CO	UT AZ	TX	
Collector	l by: Edyte	Vonan				Incide	ent ID: nRM201405	59324			TPH GRO/DRO/ORO by 8015	8021	09:	10	0.00		MINA		×					
Time	Date	Ronan	T						Lab	(ft.)	SRO/	þ	oy 82	ls 60	ide 3		1 8	3	U		×			_
Sampled	Sampled	Matrix	No. of Containers			S	ample ID		Number	Depth(ft.)	трн (втех	VOC by 8260	Metals 6010	Chloride 300.0		20059		GDOC			Remarks		
12:20	10.31.24	S	1				FS41		1	0-0.25'							,	(
12:25	10.31.24	S	1				FS42	41	2	0-0.25'							,	(
12:30	10.31.24	S	1		L		FS43		3	0-0.25'							,	(
12:35	10.31.24	S	1				FS44		4	0-0.25'							,	(***************************************		
12:40	10.31.24	S	1				FS45		5	0-0.25'							,	(
12:45	10.31.24	S	1				FS46		6	0-0.25'							,	(
12:50	10.31.24	S	1				FS47		7	0-0.25'							,	(
12:55	10.31.24	S	1				FS48		8	0-0.25							,	(
13:00	10.31.24	S	1				FS49		9	0-0.25'							,	(
13:05	10.31.24	S	1				FS50		10	0-0.25							,	(
Addition	al Instruc	tions:																						
			and authention				at tampering with or inter Sampled by:		ng the sample	location											on ice the day th subsequent day		led or receiv	ed
Relinquishe	ed by: (Signa	atyre)	Date VO	31124	Time 21830) R	edelived by: (Signature		Date 10-312	4	Time	30)	Rece	eived	on ice:	(Lab U	se On	ly				
Relinquishe	ed by: (Signa	ture)	Data	1-24	Time 1725	R	eceived by: (Signature)	Date //./. 7		Time	73		T1	-11000	On icc.	T	٠, ١٠			T3			
	ed by: (Signa		Date	1.24	Time	Ŕ	eceived by: (Signature)		Date		Time					0- 6	1							
Majum	day S. Call Co	I Collid Co			640		Noe So		1-4							p°C_			24				The property	SEED!
			Sludge, A - Ac			es other	arrangements are mad	de Hazardous	Container	ho retur	- glas	s, p -	poly,	piast	ic, ag	- amber	gias	5, V - V	JA		astha an-l	olo of the	have	
samples is	applicable o	nly to thos	e samples re	ceived by the	ne laborat	ory with	this COC. The liability	of the laborator	is limited to	the am	ount r	paid fo	oron	the re	port.	at the clien	n exp	Jense.	me rep	JOITTO	or the analys	sis or the a	nove	



edisposed of at the client expense. The report for the analysis of the above in the report.

Page 220 of 370

Page 220 of 370

Project Information

Chain of Custody

Page __6__ of _12_

Received by OCD: 1/7/2025 2:55:56 PM

	OCHITI 2						H9023140-83		Ldi	b Use	COIII	V		100		TA	NI .		rogram
Project Ma	Project: COCHITI 28 FEDERAL #001 Project Manager: Erick Herrera				Attention: Jim Raley		Lab W	0#				Num	ber	1D	2D	3D	Standard	CWA	SDWA
i roject ivid	anager: E	rick Heri	rera		Address: 5315 Buena Vista Dr		EYI	102	15		010	59-	F000				5 day TAT		
Address: 1	3000 W	County F	Rd 100		City, State, Zip: Carlsbad, NM,	City, State, Zip: Carlsbad, NM, 88220				1			d Method						RCRA
City, State	, Zip_Od	essa,TX,	79765		Phone: 575-885-7502			2						T					
Phone: 43	2-305-64	116			Email: jim.raley@dvn.com		1	801						1				State	-
Email: Dev	on-team	@eteche	env.com		WO: 1061476201 - NM PERM	IIAN ABANDON	1	by									NM CO	UT AZ	TX
					Incident ID: nRM2014059324		1	ORC											
								RO/	21	0	0	0.0		Σ		×			
Collected I	by: Edyte	Konan					£	g/0)	y 8021	826	601	e 30					×		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	
13:10	10.31.24	S	1		FS51	11	0-0.25'							х					
13:15	10.31.24	S	1		FS52	12	0-0.25							x					
13:20	10.31.24	S	1		FS53	13	0-0.25'							х					
13:25	10.31.24	S	1		FS54	19	0-0.25							х					
13:30	10.31.24	S	1		FS55	15	0-0.25'							х					
13:35	10.31.24	S	1		FS56									х					
13:40	10.31.24	S	1		FS57	17	0-0.25							х					
13:45	10.31.24	S	1		FS58	18	0-0.25							х					
13:50	10.31.24	S	1		FS59	19	0-0.25'							х					
13:55	10.31.24	S	1		FS60	20	0-0.25'							х					
Additional	Instruct	tions:									XX								
				city of this sample. I ay be grounds for le	am aware that tampering with or intentionally gal action. Sampled by: EK	mislabelling the sample	e location				1000						eived on ice the day °C on subsequent da		ed or received
Relinquished	Res	*	101 S	31/24 Time 214	Reddived by: (Signature)	ples 10-31	24	Time 2	137		Rece	eived	on ice:		ab Us	se Onl	У		
Relinquished		9 0	les II.	1-24 Time	25 Received by: (Signature)	Date 1/./. 2		Time Time	13	0	T1						Т3		
Relinquished	by: (Signa	thre)	Date	Time	Received by: (Signature)	Date	1	Time											
Clock	1	Υ.		1.24 6	100 Noe Sorto		-		- 10-			_	p°C_C						
				ueous, Ó - Other		Container													
samples is an	es are disca policable o	nly to thos	ays atter rest e samples re	uits are reported i	unless other arrangements are made. Has pratory with this COC. The liability of the la	zardous samples will shoratory is limited t	be retur	ned to	clien	or or	ispose	ed of a	t the clien	t expe	nse.	The rep	oort for the anal	sis of the a	bove



disposed of at the client expense. The report for the analysis of the above in the report.

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Printed: 11/4/2024 9:55:20AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

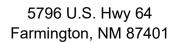
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	11/04/24 07	7:30		Work Order ID:	E411025
Phone:	(575) 748-0176	Date Logged In:	11/04/24 09	9:16		Logged In By:	Noe Soto
Email:		Due Date:	11/12/24 1	7:00 (6 day TAT)			
	Custody (COC) the sample ID match the COC?		Yes				
	ne number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	Carrier. <u>C</u>	<u>Journer</u>		
	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.			ı		Comment	s/Resolution
	COC in disease the deal TAT as Free disease TAT?		V		Project Co	chiti 28 Fede	ral #001 has been
	COC indicate standard TAT, or Expedited TAT?		Yes		1 -		WOs due to high
Sample C			Van			-	
	sample cooler received? was cooler received in good condition?		Yes		_	lume, WOs aı	re E411023 -
•	•		Yes		E411028.		
	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? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling /isible ice, record the temperature. Actual sample	e received w/i 15	Yes				
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		Yes				
Field Lab	· · ·						
	— field sample labels filled out with the minimum info	rmation:					
Sa	ample ID?		Yes				
	ate/Time Collected?		Yes	'			
	ollectors name?		No				
	reservation	10					
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?	. 1.0	NA				
	filteration required and/or requested for dissolved m	ietais?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
28. Are sa	imples required to get sent to a subcontract laborator	ry?	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	o: NA		
Client In	<u>istruction</u>						

Date

Report to:
Erick Herrera





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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cochiti 28 Federal #001

Work Order: E411026

Job Number: 01058-0007

Received: 11/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/8/24

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

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

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

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

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

Date Reported: 11/8/24

Erick Herrera 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Cochiti 28 Federal #001

Workorder: E411026

Date Received: 11/4/2024 7:30:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2024 7:30:00AM, under the Project Name: Cochiti 28 Federal #001.

The analytical test results summarized in this report with the Project Name: Cochiti 28 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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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:	Cochiti 28 Federal #001	Donoutode
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/08/24 17:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS61 0-0.25'	E411026-01A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS62 0-0.25'	E411026-02A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS63 0-0.25'	E411026-03A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS64 0-0.25'	E411026-04A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS65 0-0.25'	E411026-05A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS66 0-0.25'	E411026-06A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS67 0-0.25'	E411026-07A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS68 0-0.25'	E411026-08A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS69 0-0.25'	E411026-09A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS70 0-0.25'	E411026-10A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS71 0-0.25'	E411026-11A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS72 0-0.25'	E411026-12A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS73 0-0.25'	E411026-13A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS74 0-0.25'	E411026-14A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS75 0-0.25'	E411026-15A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS76 0-0.25'	E411026-16A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS77 0-0.25'	E411026-17A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS78 0-0.25'	E411026-18A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS79 0-0.25'	E411026-19A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS80 0-0.25'	E411026-20A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS61 0-0.25' E411026-01

	E411020-01				
Result			Prenared	Analyzed	Notes
resuit	Limit	Bilation	Trepured	7 Hidiy Zeci	110103
mg/kg	mg/kg	Analy	st: SL		Batch: 2445015
ND	0.0250	1	11/04/24	11/06/24	
ND	0.0250	1	11/04/24	11/06/24	
ND	0.0250	1	11/04/24	11/06/24	
ND	0.0250	1	11/04/24	11/06/24	
ND	0.0500	1	11/04/24	11/06/24	
ND	0.0250	1	11/04/24	11/06/24	
	89.6 %	70-130	11/04/24	11/06/24	
mg/kg	mg/kg	Analy	st: SL		Batch: 2445015
ND	20.0	1	11/04/24	11/06/24	
	92.7 %	70-130	11/04/24	11/06/24	
mg/kg	mg/kg	Analy	vst: NV		Batch: 2445027
ND	25.0	1	11/04/24	11/05/24	
ND	50.0	1	11/04/24	11/05/24	
	104 %	50-200	11/04/24	11/05/24	
mg/kg	mg/kg	Analy	/st: DT		Batch: 2445041
ND	20.0	1	11/05/24	11/05/24	
	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 0.0250 ND 0.0250 89.6 % mg/kg mg/kg mg/kg ND 20.0 92.7 % mg/kg ND 25.0 ND 50.0 104 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 89.6 % 70-130 mg/kg mg/kg Analy ND 20.0 1 92.7 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 104 % 50-200 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0500 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 mg/kg mg/kg Analyst: SL ND 20.0 1 11/04/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/04/24 ND 50.0 1 11/04/24 ND 50.0 1 11/04/24 ND 50.0 1 11/04/24 mg/kg mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 ND 0.0500 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 mg/kg mg/kg Analyst: SL ND 20.0 1 11/04/24 11/06/24 mg/kg mg/kg Analyst: SL 11/04/24 11/06/24 ND 20.0 1 11/04/24 11/06/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/04/24 11/05/24 ND 50.0 1 11/04/24 11/05/24 Mg/kg mg/kg Analyst: DT

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS62 0-0.25'

		E411026-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	11	11/04/24	11/05/24	
Surrogate: n-Nonane		96.3 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS63 0-0.25'

		E411026-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
p-Xylene	ND	0.0250	1	11/04/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		94.4 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS64 0-0.25'

		E411026-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		95.0 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS65 0-0.25'

E411026-05 Reporting						
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		98.3 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445041

20.0

ND

11/05/24

11/06/24



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS66 0-0.25' E411026-06

		2.11020 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	•		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Foluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		92.6 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS67 0-0.25'

E411026-07						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		98.0 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS68 0-0.25'

E411026-08						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		88.2 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		94.2 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445041

20.0

ND

11/05/24

11/06/24



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS69 0-0.25'

E411026-0)9

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		101 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS70 0-0.25'

E411026-10						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		97.0 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS71 0-0.25'

E411026-11

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		97.8 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS72 0-0.25'

E411026-12						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		98.4 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2445041

20.0

ND



11/06/24

11/05/24

Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS73 0-0.25' E411026-13

Reporting Analyte Limit Dilution Analyzed Notes Result Prepared Analyst: SL Batch: 2445015 mg/kg mg/kg Volatile Organics by EPA 8021B 11/04/24 11/06/24 ND 0.0250 Benzene 1 11/04/24 11/06/24 Ethylbenzene ND 0.0250ND 0.02501 11/04/24 11/06/24 Toluene 1 11/04/24 11/06/24 o-Xylene ND 0.02501 11/04/24 11/06/24 ND 0.0500 p,m-Xylene 11/06/24 11/04/24 1 Total Xylenes ND 0.025011/04/24 11/06/24 91.2 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: SL Batch: 2445015 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 11/04/24 11/06/24 ND 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 93.6 % 11/04/24 11/06/24 70-130 mg/kg mg/kg Analyst: NV Batch: 2445027 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 11/04/24 11/05/24 Diesel Range Organics (C10-C28) ND 11/04/24 11/05/24 Oil Range Organics (C28-C36) 50.0 1 11/04/24 11/05/24

102 %

mg/kg

20.0

mg/kg

ND

50-200

Analyst: DT

11/05/24

11/06/24

1



Batch: 2445041

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS74 0-0.25'

E411026-14						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		93.7 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS75 0-0.25'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		96.8 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445041



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS76 0-0.25'

E411026-16

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		98.5 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS77 0-0.25'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		99.8 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	•



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS78 0-0.25'

		E411026-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		95.6 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	



Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS79 0-0.25'

		E411026-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		95.6 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

FS80 0-0.25'

E411026-20

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2445015
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2445015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2445027
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		98.2 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2445041
Chloride	ND	20.0	1	11/05/24	11/06/24	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		058-0007 ick Herrera					11/8/2024 5:13:11PM
		Volatile O	rganics b	y EPA 802	1B				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 (2445015-BLK1)							Prepared: 11	1/04/24 Aı	nalyzed: 11/06/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		89.0	70-130			
LCS (2445015-BS1)							Prepared: 11	1/04/24 Aı	nalyzed: 11/06/24
Benzene	4.39	0.0250	5.00		87.9	70-130			
Ethylbenzene	4.51	0.0250	5.00		90.3	70-130			
Toluene	4.53	0.0250	5.00		90.5	70-130			
o-Xylene	4.55	0.0250	5.00		91.1	70-130			
p,m-Xylene	9.18	0.0500	10.0		91.8	70-130			
Total Xylenes	13.7	0.0250	15.0		91.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			
LCS Dup (2445015-BSD1)							Prepared: 11	1/04/24 Aı	nalyzed: 11/06/24
Benzene	4.30	0.0250	5.00		86.0	70-130	2.18	20	
Ethylbenzene	4.43	0.0250	5.00		88.5	70-130	1.98	20	
Toluene	4.44	0.0250	5.00		88.8	70-130	1.87	20	
o-Xylene	4.49	0.0250	5.00		89.7	70-130	1.49	20	
p,m-Xylene	9.01	0.0500	10.0		90.1	70-130	1.87	20	
Total Xylenes	13.5	0.0250	15.0		90.0	70-130	1.75	20	

70-130



Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:13:11PM

Artesia NM, 88210		Project Manager		ick Herrera					11/8/2024 5:13:11PM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			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 (2445015-BLK1)							Prepared: 1	1/04/24 A	nalyzed: 11/06/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			
LCS (2445015-BS2)							Prepared: 1	1/04/24 A	nalyzed: 11/06/24
Gasoline Range Organics (C6-C10)	40.1	20.0	50.0		80.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			
LCS Dup (2445015-BSD2)							Prepared: 1	1/04/24 A	nalyzed: 11/06/24

8.00

70-130

70-130

94.1

4.63

20

20.0

7.53

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	11/8/2024 5:13:11PM
Artesia NM, 88210	Project Manager:	Erick Herrera	11/6/2024 3:13:11FW

Artesia NM, 88210		Project Manage	r: Er	ick Herrera				1	1/8/2024 5:13:11PM	
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: NV		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N .	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2445027-BLK1)							Prepared: 1	1/04/24 An	alyzed: 11/05/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	49.3		50.0		98.7	50-200				
LCS (2445027-BS1)							Prepared: 1	1/04/24 An	alyzed: 11/05/24	
Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132				
Surrogate: n-Nonane	51.7		50.0		103	50-200				
LCS Dup (2445027-BSD1)							Prepared: 1	1/04/24 An	alyzed: 11/05/24	
Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132	0.274	20		
Surrogate: n-Nonane	52.2		50.0		104	50-200				

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	: 0	Cochiti 28 Fede 1058-0007	eral #001				Reported:	
Artesia NM, 88210		Project Manager	r: E	Erick Herrera					11/8/2024 5:13:11PM	
Anions by EPA 300.0/9056A Analyst: DT								Analyst: DT		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD %	RPD Limit	Notes	
	mg/kg	mg/kg	mg/kg	mg/kg	%	70	70	%	Notes	
Blank (2445041-BLK1)							Prepared: 11/05/24 Analyzed: 11/05/24			
Chloride	ND	20.0								
LCS (2445041-BS1)							Prepared: 11/05/24 Analyzed: 11/05/24			
Chloride	258	20.0	250		103	90-110				
LCS Dup (2445041-BSD1)							Prepared: 11/05/24 Analyzed: 11/05/24			

250

20.0

103

90-110

0.331

20

257

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:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/08/24 17:13

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

Chain of Custody

Project Information

ı	Page	7_	c	Received by OCD:	
EF	A Pr	ogra	m	1 0	
	VA		WA		
		RC	RA	1/7/20	
Sta	ite			25	
T		TX		1/7/2025 2:55:56 PM	

Client: D	evon Ener	gy Produ	ction Co L	.P	Bill 7	Го	Last M		Lal	b Us	e Onl	ly		1		TA	T	EPA Pr	rogram
	COCHITI 2				Attention: Jim Raley		Lab V				Job	Num	ber	1D	2D	3D	Standard	CWA	SDWA
Project N	/lanager: I	rick Herr	era		Address: 5315 Buena Vis	ta Dr.	EHI	102	6		010	SA-	F000-				5 day TAT		
Address:	13000 W	County R	d 100		City, State, Zip: Carlsbad,	, NM, 88220							d Method					Red Fr	RCRA
City, Stat	e, Zip_Od	essa,TX,	79765		Phone: 575-885-7502			1 10					R 3						
Phone: 4					Email: jim.raley@dvn.co	m	1	801										State	
	evon-team		env.com		WO: 1061476201 - NM		7	by									NMI CO	UT AZ	TX
					Incident ID: nRM201405		1	ORO											
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44.00		-																	
14:00	10.31.24	S	1		FS61		0-0.25	1						X					
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14:05	10.31.24	S	1		FS62	2	0-0.25							Х					
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						PUT TO THE												-	
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Addition	al Instruc	tions:									-		<u> </u>						
Addition	ui ilisti uc	cions.																	F E
I, (field samp	oler), attest to	the validity	and authenti	city of this sample. I ar	m aware that tampering with or inten	tionally, mislabelling the samp	le location	١,			Sampl	es requ	iring thermal	reservat	tion mu	ust be rece	eived on ice the day	they are sampl	ed or received
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					nless other arrangements are mad						ASSESS CHARLES			cexper	rise.	ine rep	ort for the anal	ysis or the a	DOVE



Project Information	n

Chain of Custody

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	e, Zip_Od		79765			one: 575-885-7502			2			T	T		TT	T	T			
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Email: De	evon-tean	n@eteche	env.com		W	D: 1061476201 - NM PER	MIAN ABANDON	1) by					1 1				NM CO	UT AZ	TX
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Time	Date	Matrix	No. of Containers			Sample ID	Lab	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		BGDOC	GDOC			Remarks	
Sampled	Sampled		Containers				Number	å	4	BT	9	ž	5	-	BG	0	5		Hermanio	
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rvote: Samp	nes are disc	arded 30 da	ays after res	suits are reporte	ed unless ot	her arrangements are made. H	lazardous samples wil	be retur	ned to	client	t or di	isposed	of a	t the clien	t expense	e. The	report	for the analy	sis of the al	pove
samples is	applicable o	my to those	e samples re	eceived by the I	aboratory w	ith this COC. The liability of the	laboratory is limited t	o the am	ount p	paid fo	or on t	the rep	ort.							
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Printed: 11/4/2024 10:05:18AM

Envirotech Analytical Laboratory

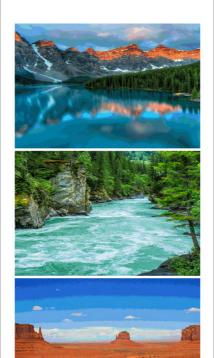
Sample Receipt Checklist (SRC)

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:	11/04/24 07	7:30	Wo	rk Order ID:	E411026
Phone:	(575) 748-0176	Date Logged In:	11/04/24 09	9:17	Log	gged In By:	Noe Soto
Email:		Due Date:	11/12/24 17	7:00 (6 day TAT)			
Chain of	Custody (COC)						
1. Does th	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location man	tch the COC	Yes				
3. Were sa	mples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier Courier		
	COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)						
	COC indicate standard TAT, or Expedited TAT?		Yes		Project Cochi	ti 28 Fede	ral #001 has been
Sample C	<u>ooler</u>				separated into	multiple \	WOs due to high
7. Was a s	ample cooler received?		Yes		sample volum	e. WOs ar	e E411023 -
8. If yes, v	vas cooler received in good condition?		Yes		E411028.	,	
9. Was the	sample(s) received intact, i.e., not broken?		Yes		L411028.		
10. Were	custody/security seals present?		No				
	were custody/security seals intact?		NA				
12. Was the	sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling isible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4 t	<u> </u>				
Sample C	ueous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA NA				
	head space less than 6-8 mm (pea sized or less)?		NA NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	9	Yes				
	ppropriate volume/weight or number of sample contain		Yes				
Field Lab	•	icis concetea.	103				
	ield sample labels filled out with the minimum info	ormation:					
	mple ID?		Yes				
Da	nte/Time Collected?		Yes	ı			
Co	ollectors name?		No				
	<u>reservation</u>						
	he COC or field labels indicate the samples were pr	reserved?	No				
	mple(s) correctly preserved?	. 1.0	NA				
	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix						
	he sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontra	act Laboratory						
28. Are sa	mples 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 S	Subcontract Lab	o: NA		
Client In	struction						

Report to:
Erick Herrera





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cochiti 28 Federal #001

Work Order: E411027

Job Number: 01058-0007

Received: 11/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/8/24

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

Date Reported: 11/8/24

Erick Herrera 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Cochiti 28 Federal #001

Workorder: E411027

Date Received: 11/4/2024 7:30:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2024 7:30:00AM, under the Project Name: Cochiti 28 Federal #001.

The analytical test results summarized in this report with the Project Name: Cochiti 28 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:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/08/24 17:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS81 0-0.25'	E411027-01A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS82 0-0.25'	E411027-02A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS83 0-0.25'	E411027-03A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS84 0-0.25'	E411027-04A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS85 0-0.25'	E411027-05A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS86 0-0.25'	E411027-06A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS87 0-0.25'	E411027-07A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS88 0-0.25'	E411027-08A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS89 0-0.25'	E411027-09A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS90 0-0.25'	E411027-10A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS91 0-0.25'	E411027-11A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS92 0-0.25'	E411027-12A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS93 0-0.25'	E411027-13A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS94 0-0.25'	E411027-14A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS95 0-0.25'	E411027-15A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS96 0-0.25'	E411027-16A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS97 0-0.25'	E411027-17A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS98 0-0.25'	E411027-18A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS99 0-0.25'	E411027-19A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS100 0-0.25'	E411027-20A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS81 0-0.25' E411027-01

	E411027-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	rst: SL		Batch: 2445016
ND	0.0250	1	11/04/24	11/06/24	
ND	0.0250	1	11/04/24	11/06/24	
ND	0.0250	1	11/04/24	11/06/24	
ND	0.0250	1	11/04/24	11/06/24	
ND	0.0500	1	11/04/24	11/06/24	
ND	0.0250	1	11/04/24	11/06/24	
	100 %	70-130	11/04/24	11/06/24	
mg/kg	mg/kg	Analy	rst: SL		Batch: 2445016
ND	20.0	1	11/04/24	11/06/24	
	89.0 %	70-130	11/04/24	11/06/24	
mg/kg	mg/kg	Analy	rst: NV		Batch: 2445028
ND	25.0	1	11/04/24	11/06/24	
ND	50.0	1	11/04/24	11/06/24	
	99.9 %	50-200	11/04/24	11/06/24	
mg/kg	mg/kg	Analy	rst: WF		Batch: 2445046
ND	20.0	1	11/05/24	11/06/24	
	mg/kg 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 I00 % mg/kg mg/kg mg/kg ND 20.0 89.0 % mg/kg ND 25.0 ND 50.0 99.9 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Analy ND 20.0 1 89.0 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 99.9 % 50-200 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0500 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 mg/kg Mg/kg Analyst: SL ND 20.0 1 11/04/24 mg/kg Mg/kg Analyst: NV ND 25.0 1 11/04/24 ND 50.0 1 11/04/24 ND 50.0 1 11/04/24 Mg/kg Mg/kg Analyst: NV	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 ND 0.0500 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 ND 0.0250 1 11/04/24 11/06/24 mg/kg mg/kg Analyst: SL ND 20.0 1 11/04/24 11/06/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/04/24 11/06/24 ND 50.0 1 11/04/24 11/06/24 ND 50.0 1 11/04/24 11/06/24 MD 50.0 1 11/04/24 11/06/24 Mg/kg mg/kg Analyst: WF </td

Anions by EPA 300.0/9056A

Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS82 0-0.25'

E411027-02 Reporting Analyte Limit Dilution Analyzed Notes Result Prepared Analyst: SL Batch: 2445016 mg/kg mg/kg Volatile Organics by EPA 8021B 11/04/24 11/06/24 ND 0.0250 Benzene 1 11/04/24 11/06/24 Ethylbenzene ND 0.0250ND 0.02501 11/04/24 11/06/24 Toluene 1 11/04/24 11/06/24 o-Xylene ND 0.02501 11/04/24 11/06/24 ND 0.0500 p,m-Xylene 11/06/24 11/04/24 1 Total Xylenes ND 0.025011/04/24 11/06/24 100 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: SL Batch: 2445016 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 11/04/24 11/06/24 ND 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 89.0 % 11/04/24 11/06/24 70-130 mg/kg mg/kg Analyst: NV Batch: 2445028 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 11/04/24 11/06/24 Diesel Range Organics (C10-C28) ND 11/04/24 11/06/24 Oil Range Organics (C28-C36) 50.0 1 94.6 % 11/04/24 11/06/24 Surrogate: n-Nonane 50-200

mg/kg

20.0

mg/kg

ND

Analyst: WF

11/05/24

11/06/24

1



Batch: 2445046

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS83 0-0.25'

		E411027-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		95.4 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS84 0-0.25' E411027-04

		2111027 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Foluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		96.8 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS85 0-0.25'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV	Batch: 2445028	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		102 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg mg/kg		alyst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	·



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS86 0-0.25'

		E411027-06				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		103 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS87 0-0.25' E411027-07

		2111021 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	•		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Foluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: SL		st: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		98.7 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS88 0-0.25'

		E411027-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		98.0 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: WF		Batch: 2445046

20.0

ND

11/05/24

11/06/24



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS89 0-0.25'

E411027-09

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		95.9 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS90 0-0.25'

		E411027-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		98.5 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: WF		Batch: 2445046

20.0

ND

11/05/24

11/06/24



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS91 0-0.25'

E411027-11

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	32.1	25.0	1	11/04/24	11/06/24	T16
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		97.1 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	· · · · · · · · · · · · · · · · · · ·



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS92 0-0.25'

E411027-12

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		99.0 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS93 0-0.25'

		E411027-13				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		102 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS94 0-0.25'

		E411027-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		101 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS95 0-0.25'

		E411027-15				
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		98.8 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS96 0-0.25'

		E411027-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		99.8 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS97 0-0.25'

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E411	027 - 1	ľ

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		104 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS98 0-0.25'

E411027-18						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		103 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: WF		Batch: 2445046

20.0

ND

11/05/24

11/06/24



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS99 0-0.25'

		E411027-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		93.4 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2445046
Chloride	ND	20.0	1	11/05/24	11/06/24	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

FS100 0-0.25'

		E411027-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2445016
Benzene	ND	0.0250	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2445016
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2445028
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/06/24	
Surrogate: n-Nonane		95.2 %	50-200	11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2445046

20.0

ND

11/05/24

11/06/24



Surrogate: 4-Bromochlorobenzene-PID

8.02

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		:058-0007 rick Herrera					11/8/2024 5:01:34PM		
Volatile Organics by EPA 8021B											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2445016-BLK1)							Prepared: 11	1/04/24 Aı	nalyzed: 11/06/24		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
p,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130					
LCS (2445016-BS1)							Prepared: 11	1/04/24 Aı	nalyzed: 11/06/24		
Benzene	4.51	0.0250	5.00		90.3	70-130					
Ethylbenzene	4.68	0.0250	5.00		93.6	70-130					
Toluene	4.68	0.0250	5.00		93.6	70-130					
o-Xylene	4.71	0.0250	5.00		94.2	70-130					
p,m-Xylene	9.54	0.0500	10.0		95.4	70-130					
Total Xylenes	14.2	0.0250	15.0		95.0	70-130					
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130					
LCS Dup (2445016-BSD1)							Prepared: 11	1/04/24 Aı	nalyzed: 11/06/24		
Benzene	5.03	0.0250	5.00		101	70-130	10.9	20			
Ethylbenzene	5.23	0.0250	5.00		105	70-130	11.1	20			
Toluene	5.23	0.0250	5.00		105	70-130	11.1	20			
o-Xylene	5.28	0.0250	5.00		106	70-130	11.4	20			
p,m-Xylene	10.7	0.0500	10.0		107	70-130	11.1	20			
Total Xylenes	15.9	0.0250	15.0		106	70-130	11.2	20			

70-130



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Ŷ
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

Artesia NM, 88210		Project Manage	r: Er	ick Herrera					11/8/2024 5:01:34PM
	Non	halogenated	Organics l	by EPA 801	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 (2445016-BLK1)							Prepared: 1	1/04/24 A	nalyzed: 11/06/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			
LCS (2445016-BS2)							Prepared: 1	1/04/24 A	nalyzed: 11/06/24
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0		81.2	70-130			

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00	88.9	70-130			
LCS (2445016-BS2)						Prepared: 1	1/04/24 Analyz	ed: 11/06/24
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0	81.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00	90.0	70-130			
LCS Dup (2445016-BSD2)						Prepared: 1	1/04/24 Analyz	ed: 11/06/24
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	84.0	70-130	3.30	20	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 5:01:34PM

Artesia NM, 88210		Project Manager	r: Er	ick Herrera				11	/8/2024 5:01:34PM
	Nonhal	ogenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2445028-BLK1)							Prepared: 1	1/04/24 Ana	lyzed: 11/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.6		50.0		97.2	50-200			
LCS (2445028-BS1)							Prepared: 1	1/04/24 Ana	lyzed: 11/06/24
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	53.5		50.0		107	50-200			
LCS Dup (2445028-BSD1)							Prepared: 1	1/04/24 Ana	lyzed: 11/06/24
Diesel Range Organics (C10-C28)	265	25.0	250		106	38-132	0.958	20	
Surrogate: n-Nonane	51.4		50.0		103	50-200			

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(Cochiti 28 Fede 01058-0007 Erick Herrera	eral #001				Reported: 11/8/2024 5:01:34PM		
Anions by EPA 300.0/9056A									Analyst: WF		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2445046-BLK1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/05/24		
Chloride	ND	20.0									
LCS (2445046-BS1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/05/24		
Chloride	251	20.0	250		100	90-110					
LCS Dup (2445046-BSD1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/06/24		

250

20.0

99.5

90-110

0.780

20

249

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:	Cochiti 28 Federal #001	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Erick Herrera	11/08/24 17:01

The results for this petroleum hydrocarbon analysis is elevated due to the presence of a single analyte peak in the quantitation range.

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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Project Information

Chain of Custody

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E	PA Pr	ogra	m	1		0
C۷	VA	SD	WA			CD
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Sta	ate					202
T	AZ	TX				5 2:55:56 F
em	arks					Z

Client: D	evon Ener	gy Produ	ction Co L	Р	Bi	II To				Lab	Use	e Onl	У				TA	ΑT		EPA P	ogram
Project:	COCHITI 2	8 FEDERA	AL #001		Attention: Jim Raley			Lab W	0#	S AV IIV	(VE)	Job I	-	ber	10	2D	3D	Sta	ndard	CWA	SDWA
Project N	lanager: I	rick Her	rera		Address: 5315 Buena Vista Dr.			E411027			400	01058-0007						5 da	ay TAT		
Address:	13000 W	County F	Rd 100		City, State, Zip: Carlsba	ad, NM, 88220					A	nalys	is an	d Metho	d						RCRA
City, Stat	e, Zip_Od	essa,TX,	79765		Phone: 575-885-7502				5				-								
Phone: 4	32-305-64	116		N.	Email: jim.raley@dvn.o	com			801											State	
Email: De	evon-team	n@etech	env.com		WO: 1061476201 - NN	M PERMIAN ABANI	DON) by									Ī	NM CO	UT AZ	TX
					Incident ID: nRM20140	059324			ORC												
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Collected	by: Edyte	e Konan						(tr.)	30/1	y 8021	/ 82(601	le 30						×	L_	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Lab ımber	Depth(ft.)	TPH GRO/DRO/ORO by 8015	втех ьу	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks	
15:40	10.31.24	S	1		FS81		1	0-0.25')	(
15:45	10.31.24	S	1		FS82		2	0-0.25')						
15:50	10.31.24	S	1		FS83	3009	3	0-0.25'							,	(
15:55	10.31.24	S	1		FS84		-1	0-0.25'							,	ľ					
16:00	10.31.24	S	1		FS85		5	0-0.25'							,	(
16:05	10.31.24	S	1			6	0-0.25')	(
16:10	10.31.24	S	1		FS87		7	0-0.25'							,	(
16:15	10.31.24	S	1		FS88		8	0-0.25'							,	(
16:20	10.31.24	S	1		FS89		9	0-0.25'							,						
16:25	10.31.24	S	1		FS90	l	0	0-0.25'							,	(
Addition	al Instruc	tions:				***************************************											*/				
		A STATE OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER		city of this sample. I a	m aware that tampering with or int al action. <u>Sampled by</u>		e sample	location,	•			7.77	75	-					ice the day t ubsequent day		ed or received
Relinquish	ed by: (Signa	iture)	Date W/	3/124 Z1;	30 Received by: (Signatur	Ponzales Date	31:	24	Time	137)	Rece	ived	on ice:	A 10 Y 10 Y 2	Lab U	lse On	ily		*	w i e
Relinquish	d by Signe	flure)	les It	1-24 Time	S Received by: (Signatur	Date			Time	30		T1			T2				гз		
Relinquish	ed by: (Sign)	iture)	Date	1.24 7.4	Received by: (Signatur	re) Date	-4-6		Time	30		AVG	Tem	p°C_							
Sample Mat	rix: S - Soil. Sd	- Solid. Se -	Sludge, A - Ad	queous, O - Other	W INOC							_		- ambe		s. v - V	OA	eta e la constitución de la cons			
					nless other arrangements are m							-						port fo	r the analy	sis of the a	bove
					atory with this COC. The liabilit											non10050371	onered di				10.00 (10.00)



r disposed of at the client expense. The report for the analysis of the above in the report.

Page 286 and the client expense. The report for the analysis of the above in the report.

Project Information

Chain of Custody

Page	10	of	12
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Received by OCD: 1/7/2025 2:55:56 PM

Client: Devon Energy Production Co LP						Bill To				Lal	b Us	se Only					TA	ΛT	EPA P	rogram	
	COCHITI 2						on: Jim Raley		Lab WO#				Job			1D	2D	3D	Standard	CWA	SDWA
	∕lanager: I					Address: 5315 Buena Vista Dr.		EYIIDZ7				F000-82010						5 day TAT			
	13000 W						ate, Zip: Carlsbad, NM, 8	88220				1	Analy	is an	d Method	d					RCRA
	e, Zip_Od		79765			Phone:	575-885-7502			15											
	32-305-6						im.raley@dvn.com			/ 80										State	
Email: De	evon-tean	n@eteche	env.com				61476201 – NM PERMI	AN ABANDON		O by									NM CO	UT AZ	TX
						Inciden	t ID: nRM2014059324			/OR						1_		1 1			
Collected	by: Edyt	e Konan	,						£	TPH GRO/DRO/ORO by 8015	by 8021	8260	6010	e 300.C		N		¥	×		
Time Sampled	Date Sampled	Matrix	No. of Containers			Sar	mple ID	Lab Number	Depth(ft.)	трн дв	BTEX b	VOC by 8260	Metals 6010	Chloride 300.		BGDOC		GDOC		Remarks	
16:30	10.31.24	S	1			F	591	10	0-0.25							х					
16:35	10.31.24	S	1			F	S92	12	0-0.25'							х					
16:40	10.31.24	S	1			F	·\$93	13	0-0.25'							х					
16:45	10.31.24	S	1			F	·S94	14	0-0.25'							х					
16:50	10.31.24	S	1			F	\$95	15	0-0.25'							х					
16:55	10.31.24	S	1		FS96				0-0.25'							х					
17:00	10.31.24	S	1			F	S97	13	0-0.25'							х					
17:05	10.31.24	S	1			F	S98	18	0-0.25'							х					
17:10	10.31.24	S	1			F	\$99	19	0-0.25'							х					
17:15	10.31.24	S	1			FS	5100	90	0-0.25'							х					
Addition	al Instruc	tions:						1							-						
							ampering with or intentionally n	nislabelling the sampl	e location	,									eived on ice the day °C on subsequent d		ed or received
date or time of collection is considered fraud and may be grounds for legal a Relinquished by: (Signature) Date 10131124 Time 21:3						O Ret	eived by: (Signature)	les 1031	24	Time	30		Rece	eived	on ice:		Lab U	se Onl	y		
Relinquished by: (Signature) Date Time Time Time Time						Received by: (Signature) Date			•	Time	7/	30)T1 T2 T3								
Relinquished by: (Signature) Date Time Received by: (Sig							eived by: (Signature)	Date	-1	Time											
Anch	in .	K.	11.	1.24	240	n n	See Set	11-4-	24	0:	730)	AVG	Tem	p°C_	1					
			Sludge, A - Ad	queous, O - C				Container	Type: g	- glas	s, p -	poly	/plast	ic, ag	- amber	glass	, v - V(OA			
							rangements are made. Haza									t exp	ense.	The rep	oort for the anal	ysis of the a	bove



disposed of at the client expense. The report for the analysis of the above in the report.

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Printed: 11/4/2024 10:11:02AM

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:	11/04/24 07	:30	Work Orde	r ID:	E411027
Phone:	(575) 748-0176	Date Logged In:	11/04/24 09	:17	Logged In	Ву:	Noe Soto
Email:		Due Date:	11/12/24 17	':00 (6 day TAT)			
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
2. Does t	he number of samples per sampling site location mat	ch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier_		
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes				
5. Were a	Ill 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 disucssion.		Yes		<u>Con</u>	<u>nmen</u>	ts/Resolution
Sample '	Turn Around Time (TAT)						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Cochiti 28	Fede	eral #001 has been
Sample (<u>Cooler</u>				separated into mult	iple	WOs due to high
7. Was a	sample cooler received?		Yes		sample volume, W	Os a	re E411023 -
8. If yes,	was cooler received in good condition?		Yes		E411028.		
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		L411020.		
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	<u>Container</u>	<u></u>	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	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							
	field sample labels filled out with the minimum info	rmation:					
S	ample ID?		Yes				
	Date/Time Collected?		Yes	·			
	Collectors name?		No				
	Preservation		NT.				
	the COC or field labels indicate the samples were pr	eservea?	No				
	ample(s) correctly preserved? filteration required and/or requested for dissolved m	atala?	NA No				
	•	iciais:	No				
	ase Sample Matrix	0	2.7				
	the sample have more than one phase, i.e., multiphase		No				
27. II yes	s, does the COC specify which phase(s) is to be analy	zea?	NA				
	ract Laboratory						
	amples required to get sent to a subcontract laborator	•	No				
29. Was a	a subcontract laboratory specified by the client and if	so who?	NA S	Subcontract Lab	: NA		
Client I	<u>nstruction</u>						

Report to:
Erick Herrera





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cochiti 28 Federal #001

Work Order: E411028

Job Number: 01058-0007

Received: 11/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/8/24

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

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

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

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

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

Date Reported: 11/8/24

Erick Herrera 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Cochiti 28 Federal #001

Workorder: E411028

Date Received: 11/4/2024 7:30:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2024 7:30:00AM, under the Project Name: Cochiti 28 Federal #001.

The analytical test results summarized in this report with the Project Name: Cochiti 28 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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/08/24 13:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS101 0-0.25'	E411028-01A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS102 0-0.25'	E411028-02A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS103 0-0.25'	E411028-03A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS104 0-0.25'	E411028-04A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS105 0-0.25'	E411028-05A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS106 0-0.25'	E411028-06A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS107 0-0.25'	E411028-07A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS108 0-0.25'	E411028-08A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS109 0-0.25'	E411028-09A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS110 0-0.25'	E411028-10A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS111 0-0.25'	E411028-11A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS112 0-0.25'	E411028-12A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS113 0-0.25'	E411028-13A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS114 0-0.25'	E411028-14A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS115 0-0.25'	E411028-15A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS116 0-0.25'	E411028-16A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
FS117 0-0.25'	E411028-17A	Soil	10/31/24	11/04/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 1:26:00PM

FS101 0-0.25' E411028-01

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		110 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		110 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		84.5 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2445048



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 1:26:00PM

FS102 0-0.25'

E411028-02 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2445017 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 11/04/24 11/06/24 ND 0.0250 Benzene 1 11/04/24 11/06/24 Ethylbenzene ND 0.0250ND 0.0250 11/04/24 11/06/24 Toluene 1 11/04/24 11/06/24 o-Xylene ND 0.025011/04/24 11/06/24 ND 0.0500 p,m-Xylene 11/04/24 11/06/24 1 Total Xylenes ND 0.0250 11/06/24 109 % 11/04/24 Surrogate: Bromofluorobenzene 70-130 11/06/24 Surrogate: 1,2-Dichloroethane-d4 95.7% 70-130 11/04/24 Surrogate: Toluene-d8 108 % 70-130 11/04/24 11/06/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2445017 ND 1 11/04/24 11/06/24 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 109 % 11/04/24 11/06/24 70-130 95.7 % 11/04/24 11/06/24 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 11/04/24 11/06/24 108 % 70-130 mg/kg Analyst: NV Batch: 2445030 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 11/04/24 11/05/24 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 11/04/24 11/05/24 Oil Range Organics (C28-C36) 79.1 % 50-200 11/04/24 11/05/24 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: DT Batch: 2445048

20.0

ND

1

11/05/24

11/06/24



Chloride

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/20241:26:00PM

FS103 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Benzene	ND	0.0250	1	l	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	l	11/04/24	11/06/24	
Toluene	ND	0.0250	1	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	l	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	l	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		112 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		106 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		112 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		106 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	[11/04/24	11/05/24	
Surrogate: n-Nonane		87.1 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 1:26:00PM

FS104 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Benzene	ND	0.0250	1	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		111 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		111 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		105 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/04/24	11/05/24	
Surrogate: n-Nonane		87.0 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048
					11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 1:26:00PM

FS105 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Benzene	ND	0.0250	1		11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	l	11/04/24	11/06/24	
Toluene	ND	0.0250	1		11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	l	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	l	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1		11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		113 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		109 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		113 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		109 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0	1		11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1		11/04/24	11/05/24	
Surrogate: n-Nonane		88.5 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 1:26:00PM

FS106 0-0.25'

E411028-06								
Reporting								
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017	
Benzene	ND	0.0250		1	11/04/24	11/06/24		
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24		
Toluene	ND	0.0250		1	11/04/24	11/06/24		
o-Xylene	ND	0.0250		1	11/04/24	11/06/24		
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24		
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24		
Surrogate: Bromofluorobenzene		110 %	70-130		11/04/24	11/06/24		
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		11/04/24	11/06/24		
Surrogate: Toluene-d8		110 %	70-130		11/04/24	11/06/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017	
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24		
Surrogate: Bromofluorobenzene		110 %	70-130		11/04/24	11/06/24		
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		11/04/24	11/06/24		
Surrogate: Toluene-d8		110 %	70-130		11/04/24	11/06/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030	
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24		
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24		
Surrogate: n-Nonane		89.4 %	50-200		11/04/24	11/05/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048	
Chloride	ND	20.0		1	11/05/24	11/06/24		



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 1:26:00PM

FS107 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		113 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		108 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		113 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		108 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		89.3 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048
14Hions by E111500:0/705011							



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 1:26:00PM

FS108 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene	·	114 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		114 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/05/24	
Surrogate: n-Nonane		85.6 %	50-200		11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048
	ND	20.0		1	11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 1:26:00PM

FS109 0-0.25'

		E411028-09					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Benzene	ND	0.0250	1	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		112 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		108 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		112 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		108 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/06/24	
Surrogate: n-Nonane		89.1 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048
Chloride	ND	20.0		1	11/05/24	11/06/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 1:26:00PM

FS110 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Benzene	ND	0.0250	1	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		110 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		108 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		110 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		108 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/04/24	11/06/24	
Surrogate: n-Nonane		86.4 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048
						11/06/24	· · · · · · · · · · · · · · · · · · ·



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 1:26:00PM

FS111 0-0.25'

		E411028-11						
Reporting								
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017	
Benzene	ND	0.0250		1	11/04/24	11/06/24		
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24		
Toluene	ND	0.0250		1	11/04/24	11/06/24		
o-Xylene	ND	0.0250		1	11/04/24	11/06/24		
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24		
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24		
Surrogate: Bromofluorobenzene		108 %	70-130		11/04/24	11/06/24		
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		11/04/24	11/06/24		
Surrogate: Toluene-d8		109 %	70-130		11/04/24	11/06/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017	
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24		
Surrogate: Bromofluorobenzene		108 %	70-130		11/04/24	11/06/24		
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		11/04/24	11/06/24		
Surrogate: Toluene-d8		109 %	70-130		11/04/24	11/06/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030	
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/06/24		
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/06/24		
Surrogate: n-Nonane		86.1 %	50-200		11/04/24	11/06/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048	

20.0

11/05/24

11/06/24

ND



Chloride

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 1:26:00PM

FS112 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: Γ	Y		Batch: 2445017
Benzene	ND	0.0250	1		11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1		11/04/24	11/06/24	
Toluene	ND	0.0250	1		11/04/24	11/06/24	
o-Xylene	ND	0.0250	1		11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1		11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1		11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		110 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		109 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		110 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		109 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	IV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0	1		11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1		11/04/24	11/06/24	
Surrogate: n-Nonane		92.3 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: D	DΤ		Batch: 2445048
1 Hillion's by 12111 0 0010/7 0 0 0 1 1							



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/20241:26:00PM

FS113 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		113 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		108 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		113 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		108 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/06/24	
Surrogate: n-Nonane		84.8 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048
					11/05/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 1:26:00PM

FS114 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Benzene	ND	0.0250	1		11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1		11/04/24	11/06/24	
Toluene	ND	0.0250	1		11/04/24	11/06/24	
o-Xylene	ND	0.0250	1		11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1		11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	l	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene	·	112 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		109 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		112 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		109 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0	1		11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1		11/04/24	11/06/24	
Surrogate: n-Nonane		83.4 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048
						·	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 1:26:00PM

FS115 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Benzene	ND	0.0250	1	1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250	1	1	11/04/24	11/06/24	
Toluene	ND	0.0250	1	1	11/04/24	11/06/24	
o-Xylene	ND	0.0250	1	1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500	1	1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250	1	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		113 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		113 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/04/24	11/06/24	
Surrogate: n-Nonane		85.6 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 1:26:00PM

FS116 0-0.25'

		E411028-16					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY	Batch: 2445017	
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		110 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		108 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		110 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		108 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/06/24	
Surrogate: n-Nonane		85.9 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048
Chloride	ND	20.0		1	11/05/24	11/06/24	



Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #0016488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 1:26:00PM

FS117 0-0.25'

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2445017
Benzene	ND	0.0250		1	11/04/24	11/06/24	
Ethylbenzene	ND	0.0250		1	11/04/24	11/06/24	
Toluene	ND	0.0250		1	11/04/24	11/06/24	
o-Xylene	ND	0.0250		1	11/04/24	11/06/24	
p,m-Xylene	ND	0.0500		1	11/04/24	11/06/24	
Total Xylenes	ND	0.0250		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		111 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2445017
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/04/24	11/06/24	
Surrogate: Bromofluorobenzene		111 %	70-130		11/04/24	11/06/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		11/04/24	11/06/24	
Surrogate: Toluene-d8		107 %	70-130		11/04/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2445030
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/24	11/06/24	
Surrogate: n-Nonane		86.3 %	50-200		11/04/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2445048
· · · · · · · · · · · · · · · · · · ·	ND	20.0		1	11/05/24	11/06/24	·



QC Summary Data

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #001Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Erick Herrera11/8/20241:26:00PM

Result Limit Level Result Rec Limits RPD Limit RPD Limit RPD Limit RPD Limit RPD Limit RPD	Artesia NM, 88210		Project Manager	: Er	rick Herrera				11/	/8/2024 1:26:00PM		
Result Limit Level Result Rec Limits RPD Limit Level Result Rec Limits RPD Limit Level Rec Result Rec Limits RPD Limit RPD Rec		•	Volatile Organi	c Compo	unds by EP	PA 82601	В		Analyst: IY			
Blank (2445017-BLK1)	Analyte		Limit	Level	Result	Rec			Limit			
Benzene ND		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Ethylpenzene ND 0.0250	Blank (2445017-BLK1)							Prepared: 11	1/04/24 Anal	yzed: 11/06/24		
ND 0.0250	Benzene		0.0250									
0-Xylene ND 0.0250	Ethylbenzene	ND	0.0250									
ND 0.0500 ND 0.0250												
ND	•											
Surrogate: Bromofluorobenzene 0.553 0.500 111 70-130	•											
Surrogate: 1,2-Dichloroethane-d4	Total Xylenes	ND	0.0250									
Compares Tolunne-d8	Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130					
Prepared: 11/04/24 Analyzed: 11/06/24	Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130					
Benzene 2.51	Surrogate: Toluene-d8	0.543		0.500		109	70-130					
Ethylbenzene 2.52 0.0250 2.50 101 70-130	LCS (2445017-BS1)							Prepared: 1	1/04/24 Anal	yzed: 11/06/24		
Totuene 2.57 0.0250 2.50 103 70-130 0-Xylene 2.61 0.0250 2.50 104 70-130 0-Xylene 5.19 0.0500 5.00 104 70-130 0-Xylene 5.19 0.0500 5.00 104 70-130 0-Xylene 7.81 0.0250 7.50 104 70-130 0-Xylene 70-130 0-Xylen	Benzene	2.51	0.0250	2.50		101	70-130					
2.61 0.0250 2.50 104 70-130 104	Ethylbenzene	2.52	0.0250	2.50		101	70-130					
p.m-Xylene 5.19 0.0500 5.00 104 70-130 Total Xylenes 7.81 0.0250 7.50 104 70-130 Total Xylenes 7.81 0.0250 7.50 104 70-130 Total Xylenes 7.81 0.500 112 70-130 Total Xylenes 8.0000 112 70-130 Total Xylenes 9.540 0.500 98.7 70-130 Total Xylenes 9.540 0.500 108 70-130 Total Xylenes 9.550 0.0250 2.50 101 70-130 0.639 23 Total Xylene 9.551 0.0250 2.50 102 70-130 0.318 27 Total Xylene 9.513 0.0500 5.00 103 70-130 0.904 27 p.m-Xylene 9.513 0.0500 5.00 103 70-130 0.904 27 Total Xylenes 7.72 0.0250 7.50 103 70-130 1.15 27 Total Xylenes 9.565 0.565 0.500 113 70-130 1.15 27 Total Xylenes 9.565 0.560 103 70-130 1.15 27 Total Xylenes 9.565 0.500 103 70-130 1.15 27 Total Xylenes 9.565 0.560 113 70-130	Toluene	2.57	0.0250	2.50		103	70-130					
Total Xylenes 7.81 0.0250 7.50 104 70-130 7	o-Xylene	2.61	0.0250	2.50		104	70-130					
Surrogate: Bromofluorobenzene 0.560 0.500 112 70-130	p,m-Xylene		0.0500	5.00			70-130					
Surrogate: 1,2-Dichloroethane-d4 0.494 0.500 98.7 70-130 Surrogate: Toluene-d8 0.540 0.500 108 70-130 LCS Dup (2445017-BSD1) Benzene 2.50 0.0250 2.50 99.9 70-130 0.639 23 Ethylbenzene 2.51 0.0250 2.50 101 70-130 0.318 27 Toluene 2.55 0.0250 2.50 102 70-130 1.15 24 o-Xylene 2.59 0.0250 2.50 103 70-130 0.904 27 p,m-Xylene 5.13 0.0500 5.00 103 70-130 1.28 27 Total Xylenes 7.72 0.0250 7.50 103 70-130 1.15 27 Surrogate: Bromofluorobenzene 0.565 0.500 113 70-130 1.15 27	Total Xylenes	7.81	0.0250	7.50		104	70-130					
Column C	Surrogate: Bromofluorobenzene	0.560		0.500		112	70-130					
Comparie: Toluene-d8	Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130					
Benzene 2.50 0.0250 2.50 99.9 70-130 0.639 23 Ethylbenzene 2.51 0.0250 2.50 101 70-130 0.318 27 Toluene 2.55 0.0250 2.50 102 70-130 1.15 24 o-Xylene 2.59 0.0250 2.50 103 70-130 0.904 27 p,m-Xylene 5.13 0.0500 5.00 103 70-130 1.28 27 Total Xylenes 7.72 0.0250 7.50 103 70-130 1.15 24 Surrogate: Bromofluorobenzene 0.565 0.500 113 70-130 1.15 27	=			0.500		108	70-130					
Ethylbenzene 2.51 0.0250 2.50 101 70-130 0.318 27 Toluene 2.55 0.0250 2.50 102 70-130 1.15 24 o-Xylene 2.59 0.0250 2.50 103 70-130 0.904 27 p,m-Xylene 5.13 0.0500 5.00 103 70-130 1.28 27 Total Xylenes 7.72 0.0250 7.50 103 70-130 1.15 27 Surrogate: Bromofluorobenzene 0.565 0.500 113 70-130 1.15 27	LCS Dup (2445017-BSD1)							Prepared: 11	1/04/24 Anal	yzed: 11/06/24		
Ethylbenzene 2.51 0.0250 2.50 101 70-130 0.318 27 Toluene 2.55 0.0250 2.50 102 70-130 1.15 24 o-Xylene 2.59 0.0250 2.50 103 70-130 0.904 27 p,m-Xylene 5.13 0.0500 5.00 103 70-130 1.28 27 Total Xylenes 7.72 0.0250 7.50 103 70-130 1.15 27 Surrogate: Bromofluorobenzene 0.565 0.500 113 70-130 1.15 27	Benzene	2.50	0.0250	2.50		99.9	70-130	0.639	23			
Toluene 2.55 0.0250 2.50 102 70-130 1.15 24 o-Xylene 2.59 0.0250 2.50 103 70-130 0.904 27 p,m-Xylene 5.13 0.0500 5.00 103 70-130 1.28 27 Total Xylenes 7.72 0.0250 7.50 103 70-130 1.15 27 Surrogate: Bromofluorobenzene 0.565 0.500 113 70-130 1.15 27												
o-Xylene 2.59 0.0250 2.50 103 70-130 0.904 27 p,m-Xylene 5.13 0.0500 5.00 103 70-130 1.28 27 Total Xylenes 7.72 0.0250 7.50 103 70-130 1.15 27 Surrogate: Bromofluorobenzene 0.565 0.500 113 70-130	•	2.55		2.50		102	70-130	1.15	24			
Total Xylenes 7.72 0.0250 7.50 103 70-130 1.15 27 Surrogate: Bromofluorobenzene 0.565 0.500 113 70-130 - - - 70-130 - </td <td>o-Xylene</td> <td>2.59</td> <td></td> <td>2.50</td> <td></td> <td>103</td> <td>70-130</td> <td>0.904</td> <td>27</td> <td></td>	o-Xylene	2.59		2.50		103	70-130	0.904	27			
Surrogate: Bromofluorobenzene 0.565 0.500 113 70-130	p,m-Xylene	5.13	0.0500	5.00		103	70-130	1.28	27			
••••	Total Xylenes	7.72	0.0250	7.50		103	70-130	1.15	27			
Surrogate: 1,2-Dichloroethane-d4 0.484 0.500 96.7 70-130	Surrogate: Bromofluorobenzene	0.565		0.500		113	70-130					
		0.484		0.500		96.7	70-130					

0.500

70-130



Surrogate: Toluene-d8

0.534

QC Summary Data

Devon Energy - CarlsbadProject Name:Cochiti 28 Federal #001Reported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Erick Herrera11/8/2024 1:26:00PM

Nonhalogenate	d Organics	by EPA	8015D -	GRO

Anal	

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

Blank (2445017-BLK1)						Prepared: 11	/04/24 Ana	alyzed: 11/06/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.553		0.500	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500	94.6	70-130			
Surrogate: Toluene-d8	0.543		0.500	109	70-130			
LCS (2445017-BS2)						Prepared: 11	/04/24 An	alyzed: 11/06/24
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0	83.2	70-130			
Surrogate: Bromofluorobenzene	0.585		0.500	117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500	94.4	70-130			
Surrogate: Toluene-d8	0.552		0.500	110	70-130			
LCS Dup (2445017-BSD2)						Prepared: 11	/04/24 An	alyzed: 11/06/24
Gasoline Range Organics (C6-C10)	40.9	20.0	50.0	81.8	70-130	1.64	20	
Surrogate: Bromofluorobenzene	0.557		0.500	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500	94.7	70-130			
Surrogate: Toluene-d8	0.552		0.500	110	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	_
Artesia NM, 88210	Project Manager:	Erick Herrera	11/8/2024 1:26:00PM

Artesia NM, 88210		Project Manager	r: Eri	ick Herrera				11	/8/2024 1:26:00PM	
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO		Analyst: NV		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2445030-BLK1)							Prepared: 1	1/04/24 Ana	lyzed: 11/05/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	40.8		50.0		81.5	50-200				
LCS (2445030-BS1)							Prepared: 1	1/04/24 Ana	lyzed: 11/05/24	
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132				
Surrogate: n-Nonane	47.9		50.0		95.7	50-200				
LCS Dup (2445030-BSD1)							Prepared: 1	1/04/24 Ana	lyzed: 11/05/24	
Diesel Range Organics (C10-C28)	246	25.0	250		98.3	38-132	2.86	20		
Surrogate: n-Nonane	44.8		50.0		89.7	50-200				

LCS Dup (2445048-BSD1)

Chloride

255

Prepared: 11/05/24 Analyzed: 11/05/24

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	ochiti 28 Fede 1058-0007 rick Herrera	eral #001				Reported: 11/8/2024 1:26:00PM
Anions by EPA 300.0/9056A									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 (2445048-BLK1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/05/24
Chloride	ND	20.0							
LCS (2445048-BS1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/05/24
Chloride	254	20.0	250		102	90-110			

250

20.0

102

90-110

0.283

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:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/08/24 13:26

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: 1/7/2025 2:55:56 PM

Client: D	evon Ener	gy Produ	iction Co L	P	Bi	II To			en gen	Lab) Use	e Onl	У					TA	Т		EPA P	rogram
	COCHITI 2				Attention: Jim Raley			Lab W				Job	Num	ber	1	ID 2	D	3D	Star	ndard	CWA	SDWA
	1anager: l				Address: 5315 Buena \			E411	029	3		010	38	-000					5 da	ay TAT		
A 2010 CO.	13000 W				City, State, Zip: Carlsba	ad, NM, 88220					A	Analys	sis an	d Metho	bd							RCRA
	e, Zip_Od		79765		Phone: 575-885-7502				15													
	32-305-64				Email: jim.raley@dvn.o				80.								- 1	1			State	
Email: De	von-team	n@etech	env.com		WO: 1061476201 - N	M PERMIAN ABA	ANDON		O by										I	MM CO	UT AZ	TX
Callastas	lbu Falut	. Vanan			Incident ID: nRM20140	059324			TPH GRO/DRO/ORO by 8015	8021	09	10	0.00			MM		¥				
	by: Edyte	e Konan	T					(£.)	RO/	by 8(y 82	s 60	de 3			2			-	×		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Lab Number	Depth(ft.)	ТРН G	BTEX !	VOC by 8260	Metals 6010	Chloride 300.0			верос		GDOC			Remarks	
17:20	10.31.24	S	1		FS101		(0-0.25'								х						
17:25	10.31.24	S	1		FS102		2	0-0.25'								х						
17:30	10.31.24	S	1		10.000		3	0-0.25'							1	х						
17:35	10.31.24	S	1		FS104		4	0-0.25'								х						
17:40	10.31.24	S	1	FS105		5	0-0.25'							1	х							
17:45	10.31.24	S	1	FS106			6	0-0.25'							1	х				,	************	
17:50	10.31.24	S	1		FS107		7	0-0.25'							1	х						
17:55	10.31.24	S	1		FS108		8	0-0.25'							1	х						
18:00	10.31.24	S	1		FS109		9	0-0.25'							1	х	1					
18:05	10.31.24	S	1		FS110		10	0-0.25'							1	х				A		
Addition	al Instruc	tions:																				
				city of this sample. I	am aware that tampering with or int gal action. Sampled by		g the sample	location,												ice the day		led or received
1100	ed by: Signa		Date 10 [.	31/24 20:	30 Received by: (Signatur	re)	10-31-3	14	Time	30		Rece	eived	on ice:	(e Onl	у			
Relinquish	ed by: (Signa	ture)	les II-	1-24 Time		rain D)ate 1/./.1		Time	0	0			on icc	1	· · · · · · · · · · · · · · · · · · ·			Т	3		
	ed by: Kigna		Date	Time	Received by: (Signatur	re) / D	Date	•	Time										•			
lada	10	7			100 Noe =		11-4-0	-	07					p°C_								
				queous, O - Other			Container															
					inless other arrangements are m										nt e	xpens	е. Т	he rep	ort for	the analy	sis of the a	bove



Project	t Information

Chain	of	Custody
Cildiii	01	Custous

223	V272	7.2	50.55
Page	12	of 1	12
I ubc .		_ 01	

Received by OCD: 1/7/2025 2:55:56 PM

Client: D	evon Ener	gy Produ	ction Co L	P	Bill To				Lak	Lab Use Only TAT EPA Program				rogram					
Project:	COCHITI 2	8 FEDERA	AL #001		Attention: Jim Raley		Lab W	'0#	100	1000	Job	-	ber	1D	2D	3D	Standard	CWA	SDWA
Project N	/lanager: E	Frick Herr	era		Address: 5315 Buena Vista I	Dr.	EH	102	3		010	358	-000 7				5 day TAT		
Address:	13000 W	County F	Rd 100		City, State, Zip: Carlsbad, NN	VI, 88220			-	-			d Method	-					RCRA
City, Stat	e, Zip_Od	essa,TX,	79765		Phone: 575-885-7502			10						Г		П			
	32-305-64				Email: jim.raley@dvn.com		1	301									ALE SAME PROPERTY.	State	-
both the provide of the	evon-team		env.com		WO: 1061476201 – NM PER	ΜΙΔΝ ΔΒΑΝΙΣΟΝ	1	by 8				-					NMI CO	UT AZ	TX
					Incident ID: nRM201405932		1	ORO										0.17.2	111
					meldent ib. may 201403332	.4		30/0	н	_		0.		Σ					
Collected	by: Edyte	e Konan		1			~	TPH GRO/DRO/ORO by 8015	802	VOC by 8260	010	300		1		¥	×		
Time	Date	·	No. of			Lab	th (ft	GRC	(by	by 8	als 6	ride		200		υ Σ			
Sampled	Sampled	Matrix	Containers		Sample ID	Number	Depth(ft.)	TPH	втех by	VOC	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	
40.40	40.04.04				50444														
18:10	10.31.24	S	1		FS111	И	0-0.25'							Х					
						10													
18:15	10.31.24	S	1		FS112	12	0-0.25'		- 1					Х					
																		-	
18:20	10.31.24	S	1		FS113	13	0-0.25'							Х					
									-		_								
18:25	10.31.24	S	1		FS114	14	0-0.25							Х			1		
- seed annoted	CONTRACTOR OF THE STATE OF THE								-	-						-			
18:30	10.31.24	S	1		FS115		0-0.25'							X			1		
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18:35	10.31.24	S	1		FS116		0-0.25'							Х			1		
						16		-+	-	-									
18:40	10.31.24	S	1		FS117	17	0-0.25'		1					Х			1		
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Addition	al Instruc	tions																	
Addition	ai ilisti uc	tions.																	- 1
I (field same	aler) attest to	the validity	and authentic	rity of this sample. I	I am aware that tampering with or intentional	ally mislabelling the sample	location			-	Sample	s requi	ring thermal p	reservat	tion mu	st be rece	ived on ice the day	hev are sample	ed or received
				ay be grounds for le		my misiabeling the samp	Liocation				1 332		7 3				C on subsequent da		
	ed by (Signa		Date	Time		Date		Time			53/6			1:	ah He	e Only	,		
_=	My	2	101	31/24/21	:30 Received by: (Signature)	zales 10-31.	14		130	1	Doce	inad	on ice:			e Only			
Relinquish	ed by: (Signa	turel	Data			Date	1	Time	110	_	Lece	eiveu	office.	U	מוע				
Mich	elle F	onen	ec 11-	1-24 Time	25 L. L. J. H	11.1	.711	1	70	7,	T1			тэ			TO		
	ed by: (Signa		Date	Time	Received by: (Signature)	Date	- 64	Time	-	20	11			12			<u>T3</u>		
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			PARTITION TO SERVICE AND ADDRESS OF THE PARTITION OF THE	ueous, 0 - Other		Container													
					unless other arrangements are made. It									expe	nse. 1	The rep	ort for the analy	sis of the a	bove



envirotech 9370

Printed: 11/4/2024 10:15:01AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

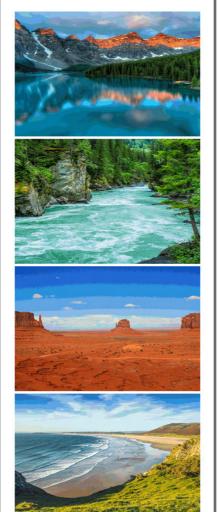
Instructions: Please take note of any NO checkmarks.

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:	11/04/24 0	7:30		Work Order ID:	E411028
Phone:	(575) 748-0176	Date Logged In:	11/04/24 09	9:18		Logged In By:	Noe Soto
Email:		Due Date:	11/12/24 1	7:00 (6 day TAT)			
	Custody (COC)		••				
	ne sample ID match the COC?	ah tha COC	Yes				
	ne number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?	. 1 1 0	Yes	Carrier: <u>C</u>	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	·		<u>Comment</u>	ts/Resolution
Sample T	urn Around Time (TAT)				_D	1 '.' 00 E 1	1 //001 1 1
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		1 -		ral #001 has been
Sample C	<u>Cooler</u>				separated i	into multiple	WOs due to high
7. Was a s	sample cooler received?		Yes		sample vo	lume, WOs aı	re E411023 -
8. If yes,	was cooler received in good condition?		Yes		E411028.	ŕ	
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		2111020.		
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C		<u></u>	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers.	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· · ·						
	 field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
D	ate/Time Collected?		Yes				
C	ollectors name?		No				
	reservation						
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborator	ry?	No				
	subcontract laboratory specified by the client and if	•	NA	Subcontract Lab	o: NA		
Client Ir	struction						
<u>enene n</u>	NAME ACTION						

Date

Report to:
Erick Herrera



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cochiti 28 Federal #001

Work Order: E411022

Job Number: 01058-0007

Received: 11/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/7/24

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

Date Reported: 11/7/24

Erick Herrera 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Cochiti 28 Federal #001

Workorder: E411022

Date Received: 11/4/2024 7:30:00AM

Erick Herrera,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2024 7:30:00AM, under the Project Name: Cochiti 28 Federal #001.

The analytical test results summarized in this report with the Project Name: Cochiti 28 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:	Cochiti 28 Federal #001	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/07/24 08:30

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SW01 0-0.25'	E411022-01A Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
SW02 0-0.25'	E411022-02A Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
SW03 0-0.25'	E411022-03A Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
SW04 0-0.25'	E411022-04A Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
SW05 0-0.25'	E411022-05A Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
SW06 0-0.25'	E411022-06A Soil	10/31/24	11/04/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/7/2024 8:30:59AM

SW01 0-0.25' E411022-01

E-11102E-01						
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: BA		Batch: 2445011
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2445011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2445010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		101 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445036
Chloride	ND	20.0	1	11/05/24	11/05/24	

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/7/2024 8:30:59AM

SW02 0-0.25'

F411	022	02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2445011
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2445011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2445010	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		102 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445036	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						



Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/7/2024 8:30:59AM

SW03 0-0.25'

		E411022-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2445011
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2445011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2445010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		101 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445036
Chloride	ND	20.0	1	11/05/24	11/05/24	



Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/7/2024 8:30:59AM

SW04 0-0.25'

E411	022.	.04

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2445011
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: BA		Batch: 2445011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	Analyst: NV		Batch: 2445010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		101 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2445036
Chloride	ND	20.0	1	11/05/24	11/05/24	•



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/7/2024 8:30:59AM

SW05 0-0.25'

		E411022-05				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	Analyst: BA		Batch: 2445011
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2445011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	Analyst: NV		Batch: 2445010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		102 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	Analyst: DT		Batch: 2445036

20.0

ND



11/05/24

11/05/24

Sample Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/7/2024 8:30:59AM

SW06 0-0.25'

T 44	•	000	0
H 71		022-	116

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2445011
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
p,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2445011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2445010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		102 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445036
	ND	20.0		11/05/24	11/05/24	•



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

ſ	Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
	6488 7 Rivers Hwy	Project Number:	01058-0007	Tepotea.
	Artesia NM, 88210	Project Manager:	Erick Herrera	11/7/2024 8:30:59AM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		058-0007 ick Herrera				11	/7/2024 8:30:59AM	
Volatile Organics by EPA 8021B 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 (2445011-BLK1)						F	Prepared: 11	1/04/24 Ana	lyzed: 11/05/24	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.3	70-130				
LCS (2445011-BS1)						F	Prepared: 11	1/04/24 Ana	lyzed: 11/05/24	
Benzene	5.27	0.0250	5.00		105	70-130				
Ethylbenzene	5.29	0.0250	5.00		106	70-130				
Toluene	5.34	0.0250	5.00		107	70-130				
o-Xylene	5.31	0.0250	5.00		106	70-130				
p,m-Xylene	10.8	0.0500	10.0		108	70-130				
Total Xylenes	16.1	0.0250	15.0		107	70-130				
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130				
LCS Dup (2445011-BSD1)						F	Prepared: 11	1/04/24 Ana	lyzed: 11/05/24	
Benzene	4.65	0.0250	5.00		93.0	70-130	12.5	20		
Ethylbenzene	4.67	0.0250	5.00		93.4	70-130	12.3	20		
Toluene	4.71	0.0250	5.00		94.3	70-130	12.5	20		
o-Xylene	4.72	0.0250	5.00		94.4	70-130	11.8	20		
p,m-Xylene	9.53	0.0500	10.0		95.3	70-130	12.3	20		
Total Xylenes	14.2	0.0250	15.0		95.0	70-130	12.1	20		



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	_
Artesia NM, 88210	Project Manager:	Erick Herrera	11/7/2024 8:30:59AM

Artesia NM, 88210		Project Manager		ick Herrera				11/	7/2024 8:30:59AM
	Non	halogenated (Organics l	by EPA 801	15D - G	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 (2445011-BLK1)						I	Prepared: 1	1/04/24 Analy	yzed: 11/05/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.2	70-130			
LCS (2445011-BS2)						I	Prepared: 1	1/04/24 Analy	yzed: 11/05/24
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			
LCS Dup (2445011-BSD2)						I	Prepared: 1	1/04/24 Analy	yzed: 11/05/24
Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.5	70-130	3.67	20	

89.5

70-130

7.16

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cochiti 28 Federal #001	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Erick Herrera	11/7/2024 8:30:59AM

Artesia NM, 88210		Project Manage	r: Er	ick Herrera				11	/7/2024 8:30:59AM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2445010-BLK1)							Prepared: 1	1/04/24 Ana	llyzed: 11/05/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.5		50.0		96.9	50-200			
LCS (2445010-BS1)							Prepared: 1	1/04/24 Ana	lyzed: 11/05/24
Diesel Range Organics (C10-C28)	259	25.0	250		104	38-132			
Surrogate: n-Nonane	53.1		50.0		106	50-200			
LCS Dup (2445010-BSD1)							Prepared: 1	1/04/24 Ana	lyzed: 11/05/24
Diesel Range Organics (C10-C28)	266	25.0	250		107	38-132	2.72	20	
Surrogate: n-Nonane	53.2		50.0		106	50-200			

LCS Dup (2445036-BSD1)

Chloride

253

Prepared: 11/05/24 Analyzed: 11/05/24

20

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		ochiti 28 Fede 1058-0007	ral #001				Reported:
Artesia NM, 88210		Project Manager:	E	rick Herrera				1	1/7/2024 8:30:59AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				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 (2445036-BLK1)							Prepared: 1	1/05/24 An	alyzed: 11/05/24
Chloride	ND	20.0							
LCS (2445036-BS1)							Prepared: 1	1/05/24 An	alyzed: 11/05/24
Chloride	251	20.0	250		100	90-110			

250

20.0

101

90-110

0.796

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:	Cochiti 28 Federal #001	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Erick Herrera	11/07/24 08:30

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Information

	A Pr			by (
٧	VA	SD	WA	CI
		RC	RA): 1/7
: 2	ite		\neg	20
	AZ	TX		eived by OCD: 1/7/2025 2:55:56 PM
m	arks			56 PA

			iction Co LF		Bill To				La	b Us	e Onl	У				TA	T	EPA P	ogram
	COCHITI 2				Attention: Jim Raley		Lab W	0#			Job	Num	ber	1D	2D	3D	Standard	CWA	SDWA
Project N	lanager: E	rick Herr	rera		Address: 5315 Buena Vista Dr.		E4	110	23	L	010	38-0	F 000				5 day TAT		
	13000 W				City, State, Zip: Carlsbad, NM, 882	20					_		d Method	1					RCRA
	e, Zip_Od		79765		Phone: 575-885-7502			2											
	32-305-64				Email: jim.raley@dvn.com		1	801										State	
Email: De	evon-team	@eteche	env.com		WO: 1061476201 - NM PERMIAN	ABANDON	1) by									NM CO	UT AZ	TX
					Incident ID: nRM2014059324			O/ORC				0.		ΣN					
Collected	by: Edyte	e Konan					£	RO/DR	y 8021	8260	6010	e 300		1	1	¥	×		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	
18:45	10.31.24	S	1		FS20	11	0-0.25'							х					
18:50	10.31.24	S	1		SW02	2	0-0.25							х					
18:55	10.31.24	S	1		SW03	3	0-0.25'							х					
19:00	10.31.24	S	1		SW04	4	0-0.25'							х					
19:05	10.31.24	S	1		SW05	5	0-0.25'							х					
19:10	10.31.24	S	1		SW06	6	0-0.25'							х					
				300															
				1013	12024														
				1013															
_																			
Addition	al Instruct	tions:				Number of the last					-		lanca (lanca)						
				ity of this sample. I	am aware that tampering with or intentionally mislal	pelling the sample	e location	,			0.0000000000000000000000000000000000000						eived on ice the day °C on subsequent da		ed or received
	ed by (Siggle		Date	Time	30 Received by: Signature)	Date 10-316	14	Time	30		Rece	havia	on ice:		ab U	se Onl	у		
	d by Signa		A Date	Time	Received by: (Signature)	Date //-/-2		Time			T1	ived	on ice.				<u></u>		
Relinquighe	d by: (Signa	ture)	Date	.24 Time	Received by: (Signature)	Date		Time	- 1777		AVG	Tem	ın °C	•			19		
Sample Mate	ix: S - Soil. Sd	- Solid. So -		ueous, O - Other	CO INCE SOIN	Container			-					glass	V - \/()Δ			
Note: Samp	les are disca	arded 30 da	ays after resu	ilts are reported i	inless other arrangements are made. Hazardo	us samples will	be retur	ned to	clien	nt or c	lispose	d of a					ort for the analy	sis of the a	bove
samples is	pplicable o	nly to those	e samples red	ceived by the labo	ratory with this COC. The liability of the labora	tory is limited t	o the am	ount	paid fe	or on	the re	port.					1		



en the report.

Page 334 of 376

Contact the client expense. The report for the analysis of the above and the report.

Page 334 of 376

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CU

Client: Devon Energy Production Co LP Project: COCHITI 28 FEDERAL #001 Project Manager: Erick Herrera Address: 13000 W County Rd 100 City, State, Zip_Odessa,TX, 79765 Phone: 432-305-6416	Attention: Jim Raley Address: 5315 Buena Vista Dr. City, State, Zip: Carlsbad, NM, 88220		Lab W	0#			Only			_	1	I am		the state of the s		Program
Address: 13000 W County Rd 100 City, State, Zip_Odessa,TX, 79765		THE RESERVE OF THE PERSON NAMED IN		UH _	-		JOD V	lumb	er	1D	2D	3D	Sta	andard	CWA	SDWA
City, State, Zip_Odessa,TX, 79765	City State Zin: Carlshad NM 88220		E4	1100	22		0105	8-a	20 F				50	day TAT		
	City, State, Lip. Carisbad, 14141, 68220					A	nalysi	is and	Metho	d						RCRA
Phone: 432-305-6416	Phone: 575-885-7502			5		TV P							SHE		TO BE IN	
	Email: jim.raley@dvn.com			8015	TO S										State	
Email: Devon-team@etechenv.com	WO: 1061476201 - NM PERMIAN AB	ANDON) by						1				NM CO	UT AZ	TX
	Incident ID: nRM2014059324		the state of	/OR(
Collected by: Edyte Konan				GRO/DRO/ORO by	8021	8260	010	300.0		NN		¥				
Time Date Matrix No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GR	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remark	s
18:45 10.31.24 S 1	+520- SW01	1	0-0.25							х				Sam	ole:	#1
18:50 10.31.24 S 1	SW02	2	0-0.25							х				namo	de	Int
18:55 10.31.24 S 1	SW03	3	0-0.25							х				mato	h C	OC.
19:00 10.31.24 S 1	SW04	4	0-0.25							х				Chang	led	Samp
19:05 10.31.24 S 1	SW05	5	0-0.25'							x				nami	ON	Coc
19:10 10.31.24 S 1	SW06	6	0-0.25'							х				Per	Clie	at.
														11/4	124	. Cm
	10/31/2024															
Additional Instructions:																
 i, (field sampler), attest to the validity and authenticity of the date or time of collection is considered fraud and may be go 	his sample. I am aware that tampering with or intentionally mislabelli rounds for legal action. Sampled by: / EK	ng the sample	location,											on ice the day t subsequent da		pled or received
Relinquished by (Signature) Date VO[31]		10-312	14	Time 213	30		Recei	ived c	on ice:		ab Us	se On	nly			
Relinquished by Signature) Date 1-2		Date 1/-/-2	4	Time 17	30		T1			T2				T3		
Relinquished by: (Signature) Date 11.1-24	1 7400 Noe Sort	11-4-2	14	Time	Lyup'u		AVG	Temp	°C_							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous,	O - Other	Container *	Type: g	- glass	, p - p	oly/	plasti	c, ag -	amber	glass,	v-VC	DA		MATERIAL STATES		
Note: Samples are discarded 30 days after results are	e reported unless other arrangements are made. Hazardous s by the laboratory with this COC. The liability of the laboratory	amples will	be retur	ned to	client o	or di	sposed	d of at	the clier	nt exp	ense.	The re	port f	or the analy	sis of the	above



envirotech Inc.

Printed: 11/4/2024 11:12:31AM

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:	11/04/24 0	7:30		Work Order ID:	E411022
Phone:	(575) 748-0176	Date Logged In:	11/04/24 0	8:56		Logged In By:	Caitlin Mars
Email:		Due Date:	11/12/24 1	7:00 (6 day TAT)			
<u> </u>	G + 1 (GOG)						
	Custody (COC)		2.7				
	ne sample ID match the COC? The number of samples per sampling site location mat	oh the COC	No				
	amples dropped off by client or carrier?	ch the COC	Yes		~ .		
	• ••	tod amalyana?	Yes Yes	Carrier: <u>C</u>	<u>Courier</u>		
	e COC complete, i.e., signatures, dates/times, reques Il samples received within holding time?	aed analyses?	Yes				
J. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		168	•		Comments	s/Resolution
Sample T	<u> Curn Around Time (TAT)</u>				C1- #1		
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		1 -		matching the name
Sample C					on COC. C	Cleint asked to	correct name on
	sample cooler received?		Yes		COC to ma	atch sample c	ontainer.
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? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 1	<u>~</u>				
	Container que ou samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?	,	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· ·						
	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes		l		
	ollectors name?		No				
	Preservation	40					
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?	. 1.0	NA				
	filteration required and/or requested for dissolved m	ietals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multiphas		No				
27. If yes,	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborator	ry?	No				
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	o: NA		
Client In	nstruction_						

Date

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

APPENDIX I

NMSLO Sandy Loam Site Seed Mixture

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



NMSLO Seed Mix

Sandy Loam (SL)

SANDY LOAM (SL) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX	
Grasses:				
Galleta grass	Viva, VNS, So.	2.5	F	
Little bluestem	Cimmaron, Pastura	2.5	F	
Blue grama	Hachita, Lovington	2.0	D	
Sideoats grama	Vaughn, El Reno	2.0	\mathbf{F}	
Sand dropseed	VNS, Southern	1.0	\mathbf{S}	
Forbs:				
Indian blanketflower	VNS, Southern	1.0	D	
Parry penstemon	VNS, Southern	1.0	D	
Blue flax	Appar	1.0	D	
Desert globemallow	VNS, Southern	1.0	D	
Shrubs:				
Fourwing saltbush	VNS, Southern	2.0	D	
Common winterfat	VNS, Southern	1.0	F	
Apache plume	VNS, Southern	0.75	F	
	Total PLS/acro	e 17.75		

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

- VNS, Southern No Variety Stated, seed should be from a southern latitude collection of this species.
- Double above seed rates for broadcast or hydroseeding.
- If Parry penstemon is not available, substitute firecracker penstemon.
- If desert globemallow is not available, substitute scarlet globemallow or Nelson globemallow.
- If a species is not available, provide a suggested substitute to the New Mexico Land Office for approval. Increasing all other species proportionately may be acceptable.



APPENDIX J

Correspondence & Notifications

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



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 391847

QUESTIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	391847
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014059324
Incident Name	NRM2014059324 COCHITI 28 FEDERAL #001 @ 30-015-30113
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-30113] COCHITI 28 FEDERAL #001

Location of Release Source	
Site Name	COCHITI 28 FEDERAL #001
Date Release Discovered	04/29/2020
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	124,443	
What is the estimated number of samples that will be gathered	50	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/18/2024	
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 Resource LN and Vaca LN go SE on Vaca LN FOR 0.15 mi; At the Y, go left FOR 0.46 mi; go SW for 0.07mi to arrive at the Cochiti 28 Federal #001 ROW (32.17201,-103.565901)	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 391847

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	391847
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	Condition	Condition Date
Ву		
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.	10/11/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 396917

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396917
F	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014059324
Incident Name	NRM2014059324 COCHITI 28 FEDERAL #001 @ 30-015-30113
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-30113] COCHITI 28 FEDERAL #001

Location of Release Source	
Site Name	COCHITI 28 FEDERAL #001
Date Release Discovered	04/29/2020
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	124,443	
What is the estimated number of samples that will be gathered	116	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/31/2024	
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 Resource LN and Vaca LN go SE on Vaca LN FOR 0.15 mi; At the Y, go left FOR 0.46 mi; go SW for 0.07mi to arrive at the Cochiti 28 Federal #001 ROW (32.17201,-103.565901)	

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 396917

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396917
	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.	10/29/2024

Anna Byers

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>

Sent: Tuesday, October 29, 2024 1:56 PM

To: Anna Byers

Cc: Raley, Jim; Devon-Team; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD **Subject:** (Variance Approval) - Devon Site - Cochiti 28 Federal #001 Incident Number

nRM2014059324

Anna,

The largest variance confirmation floor sample size that the OCD can currently grant is 400 ft2. The variance is approved for 400 ft2 floor confirmation samples. The release area will still need confirmation sidewall samples representing no more than 200 ft2. Please include this e-mail correspondence in the Remediation Closure Report.

Regards,

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Tuesday, October 29, 2024 1:07 PM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Devon Site Sampling Variance Request - Cochiti 28 Federal #001 Incident Number

nRM2014059324

From: Anna Byers <anna@etechenv.com>
Sent: Tuesday, October 29, 2024 12:41 PM

To: Enviro, OCD, EMNRD < oCD.Enviro@emnrd.nm.gov>; eco@nmslo.gov
Cc: Jim.Raley@dvn.com; Devon-Team@etechenv.com>

Subject: [EXTERNAL] Devon Site Sampling Variance Request - Cochiti 28 Federal #001 Incident Number nRM2014059324

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

Good afternoon,

Attached you will find the **Sampling Variance Request** (SVR) and supporting documents for the Cochiti 28 Federal #001 (Site) Incident Number nRM2014059324 for your review in consideration for a soil sampling variance at the Site. Based on laboratory analytical results from delineation soil sampling throughout and surrounding the AOC and the Site proximity from sensitive receptors, Devon Energy requests a sampling variance for 5-point composite confirmation soil samples to represent a maximum of 1,000 square feet per soil sample collected from the 23,142-square foot Area of Concern (AOC). Seventeen delineation potholes were advanced via mechanical equipment to assess the presence or absence of impacts (**Table I – Laboratory Analytical Results**), according to information provided on the Form C-141 and visual observation. Soil samples were collected from 0.5-foot, 1-foot, 2-foot, and 4-foot below ground surface from every delineation pothole location and field screened for chloride and volatile organic compounds, of which, the soil samples representing the highest observed field screened concentration(s) and the greatest depth were submitted to an accredited laboratory for analysis of BTEX, TPH and chloride. All field screening and laboratory analytical data suggests that residual soil impacts are not present within the top 4 feet below ground surface (**Figure 3 – Delineation Soil Sample Locations**). As such, the requested sampling variance would result in the following:

- 24 confirmation soil samples are anticipated to be collected, compared to the 116 soil samples utilizing a sampling frequency of 200 square feet.
- Lateral/edge confirmation soil samples will still be collected at a sampling frequency representing no more than 200 square feet per soil sample.
- Confirmation soil samples will be submitted to an accredited laboratory for approved NMOCD/SLO method analysis of BTEX, TPH and chloride.

Upon receipt of laboratory analytical results of confirmation soil samples, Devon will submit a report detailing the laboratory analytical results and a detailed corrective action plan for remediation, if warranted.

Please let me know if you have any questions or require any additional information.

Thank you,

Anna Byers Senior Geologist

Environmental & Safety Solutions, In Work: (432) 305-6415

Work: (432) 305-641: Cell: (575) 200-6754

Erick Herrera

From: SLO Spills <spills@nmslo.gov>

Sent: Wednesday, October 30, 2024 7:34 AM **To:** Anna Byers; OCD.Enviro@emnrd.nm.gov

Cc: Jim.Raley@dvn.com; Devon-Team; Bisbey-Kuehn, Elizabeth A.; Griffin, Becky R.; David,

Deon W.

Subject: RE: Devon Site Sampling Variance Request - Cochiti 28 Federal #001 Incident Number

nRM2014059324

me people who received this message don't often get email from spills@nmslo.gov. <u>Learn why this is important</u>

Anna

ECO will not approve the sampling variance request. This site is located within a biologically sensitive area for lesser prairie chicken occupied range and is near a mapped area for Scheer's beehive cactus.

Thank you,

USA

Environmental Compliance Office Surface Resources Division eco@nmslo.gov nmstatelands.org



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From: Anna Byers <anna@etechenv.com> Sent: Tuesday, October 29, 2024 12:41 PM

To: OCD.Enviro@emnrd.nm.gov; SLO Spills <spills@nmslo.gov>

Cc: Jim.Raley@dvn.com; Devon-Team < Devon-Team@etechenv.com>

Subject: [EXTERNAL] Devon Site Sampling Variance Request - Cochiti 28 Federal #001 Incident Number nRM2014059324

Good afternoon,

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4-foot below ground surface from every delineation pothole location and field screened for chloride and volatile organic compounds, of which, the soil samples representing the highest observed field screened concentration(s) and the greatest depth were submitted to an accredited laboratory for analysis of BTEX, TPH and chloride. All field screening and laboratory analytical data suggests that residual soil impacts are not present within the top 4 feet below ground surface (**Figure 3 – Delineation Soil Sample Locations**). As such, the requested sampling variance would result in the following:

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Upon receipt of laboratory analytical results of confirmation soil samples, Devon will submit a report detailing the laboratory analytical results and a detailed corrective action plan for remediation, if warranted.

Please let me know if you have any questions or require any additional information.

Thank you,

Anna Byers

Senior Geologist

Environmental & Safety Solutions, Inc.
Work: (432) 305-6415

Work: (432) 305-6415 Cell: (575) 200-6754

APPENDIX K

Archived Reports

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





SAMPLING VARIANCE REQUEST

Prepared For:

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

Site Information:

Cochiti 28 Federal #001 Incident Number nRM2014059324

Unit L, Section 34, Township 24 South, Range 33 East

Lea County, New Mexico

(32.17200, -103.56590)

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

SITE BACKGROUND

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy Production Company, LP (Devon), presents the following Sampling Variance Request (SVR) proposing a decreased sampling frequency for confirmation soil sampling at the Cochiti 28 Federal #001 (Site) (**Figure 1** in **Appendix A**).

On April 29, 2020, a truck driver struck a produced water poly line and caused the release of approximately 206.26 barrels (bbls) of produced water onto an access roadway. A nearby hydrovac was able to begin recovery immediately upon Site arrival and recovered approximately 137.50 bbls of fluid. Devon immediately notified the New Mexico Oil and Gas Conservation Division (NMOCD) and New Mexico State Land Office (NMSLO) via email on April 30, 2020, following the release discovery, and reported the release on a Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on May 20, 2020, and was subsequently assigned Incident Number nRM2014059324. **Figure 2** in **Appendix A** depicts the estimated release area, hereafter referred to as the Area of Concern (AOC), based on information provided on the Form C-141.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

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

Regional depth to groundwater is estimated to be between 51 and 100 feet bgs based off surrounding wells and/or depth to groundwater borings. The closest soil boring to the Site with recent data was advanced by Enviro-Drill, Inc. and located approximately 0.95-mile east of the Site. Soil boring (C-03603-POD6) was advanced on January 13, 2013, via a truck mounted drill rig equipped with a hollow stem auger to total depth of 75 feet bgs. No fluids were observed throughout the drilling process, and the boring was plugged and abandoned according to the appropriate regulations. The referenced well record is provided in **Appendix B**. The soil boring location and other nearby soil borings and/or regional groundwater well locations are shown in **Figure 1A** in **Appendix A**.

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

Based on the results from the desktop review and no recent data from groundwater wells and/or borings within 0.5 mile from the Site, the following Closure Criteria will be applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria [†]
Chloride	Environmental Protection Agency (EPA) 300.0	600 milligram per kilogram (mg/kg)
TPH (Total Petroleum Hydrocarbon)	EPA 8015 M/D	100 mg/kg
Benzene	EPA 8021B or EPA 8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B or EPA 8260B	50 mg/kg

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

SAMPLING VARIANCE REQUEST

Due to the extensive extent of the AOC documented in Form C-141 (approximately 23,142 square feet), Devon requests a soil sampling variance of 1,000 square feet per confirmation soil sample. As such, 24 confirmation soil samples are anticipated to be collected from the AOC compared to 116 soil samples following the standard 200 square foot soil sampling frequency (**Figure 2** in **Appendix A**). The sampling frequency for the edge of the AOC will remain at 200 square feet, which equates to 6 soil samples.

Confirmation soil samples will be submitted to an accredited laboratory for analysis of all COCs by the appropriate analytical method. As such, laboratory analytical results will allow assessment for any areas requiring residual impact removal. Devon believes that initial response efforts have mitigated residual impacts at the Site and the confirmation soil samples at the proposed reduced sampling frequency in conjunction with delineation soil sampling data are equally protective of human health, the environment, and groundwater.

Upon receipt of approval of this SVR, confirmation soil sampling will be scheduled, and a sampling notification will be submitted a minimum of 48-hours prior to the scheduled time and date as per 19.15.29.12.D(1)(a) NMAC. If you have any questions or comments, please do not hesitate to contact Abraham Valladares at (432) 967-9624 or abevalladares@etechenv.com or Joseph S. Hernandez at (432) 305-6413 or ioseph@etechenv.com.

Sincerely,

Etech Environmental and Safety Solutions, Inc.

Abraham Valladares Project Coordinator Joseph S. Hernandez Senior Managing Geologist

myr SHd

cc: Jim Raley, Devon

New Mexico Oil Conservation Division

State Land Office

Sampling Variance Request Incident Number nRM2014059324 Cochiti 28 Federal #001

Appendices:

Appendix A: Figure 1: Site Map

Figure 1A: Site Characterization Map – Groundwater

Figure 1B: Site Characterization Map – Surficial Receptors
Figure 1C: Site Characterization Map – Subsurface Receptors

Figure 2: Proposed Sampling Grid Map

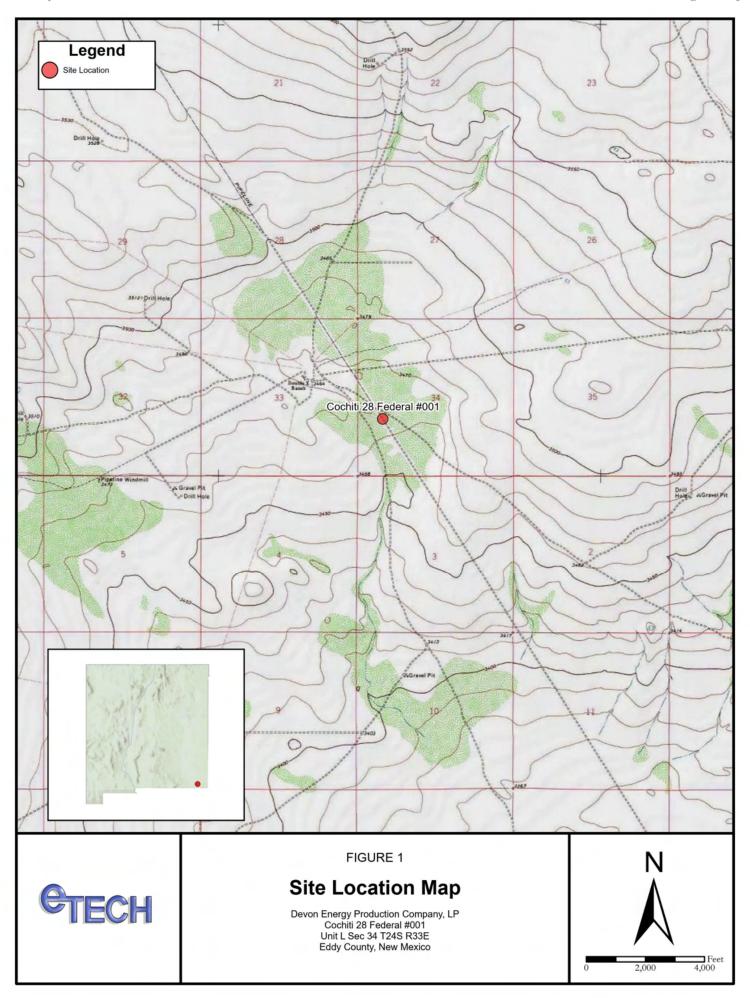
Appendix B: Referenced Well Record

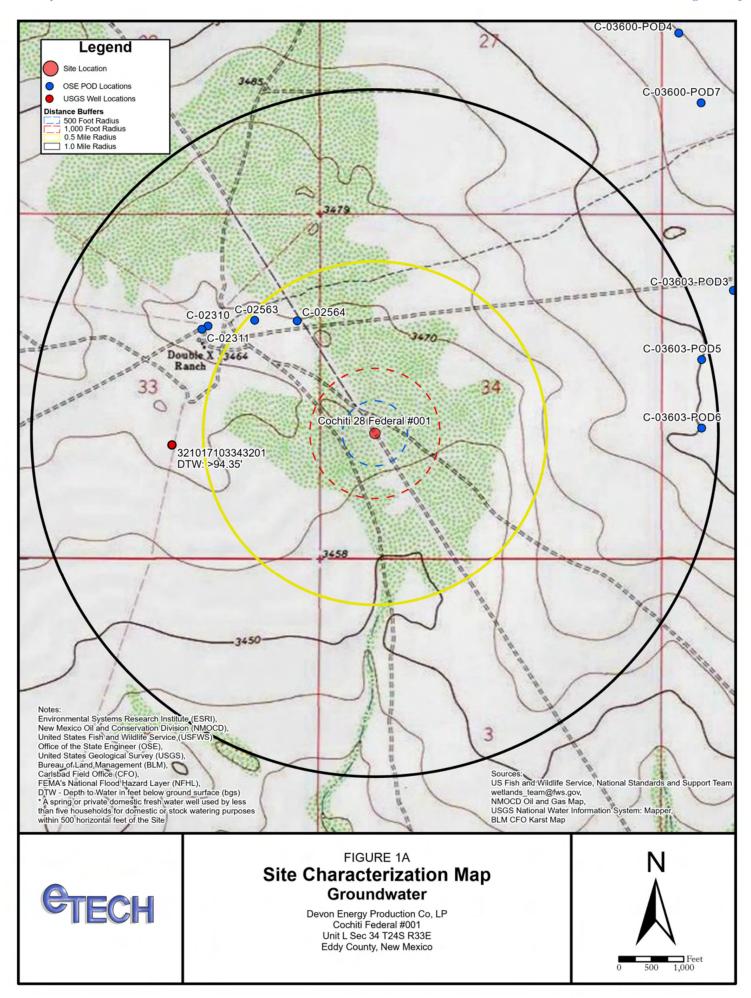
APPENDIX A

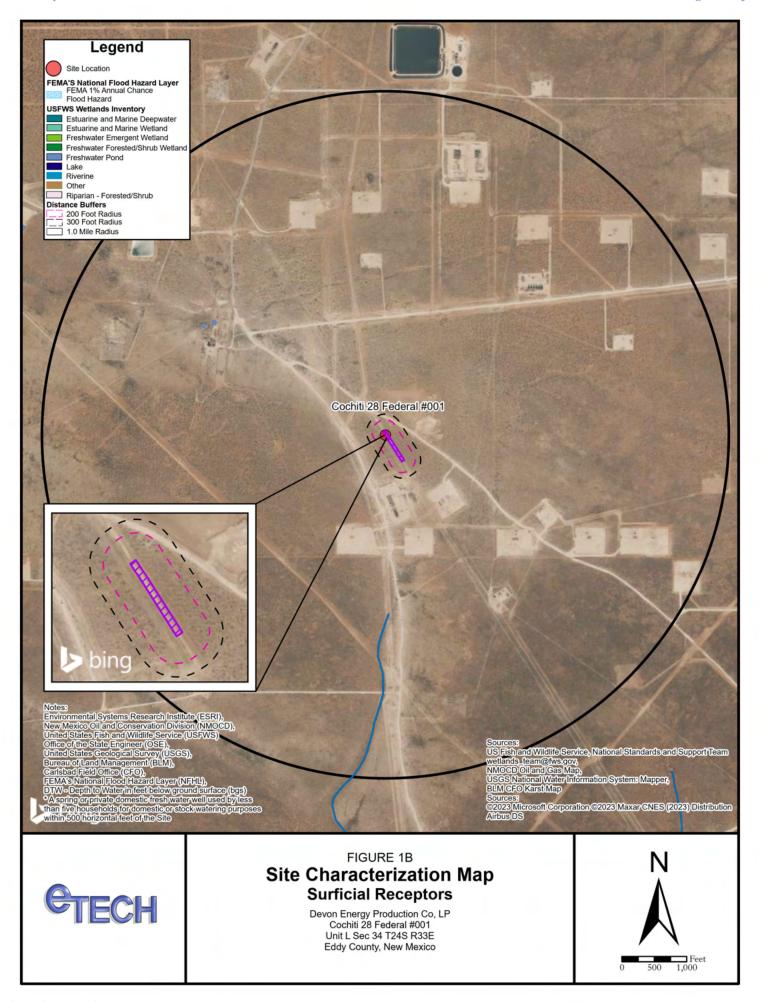
Figures

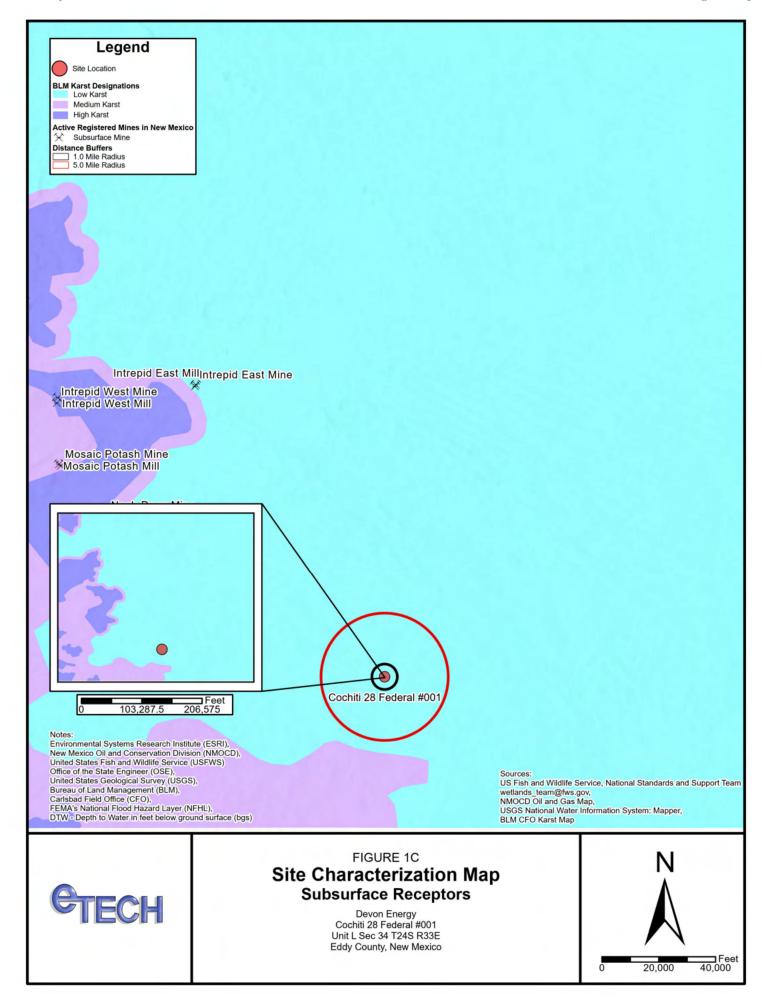
P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213

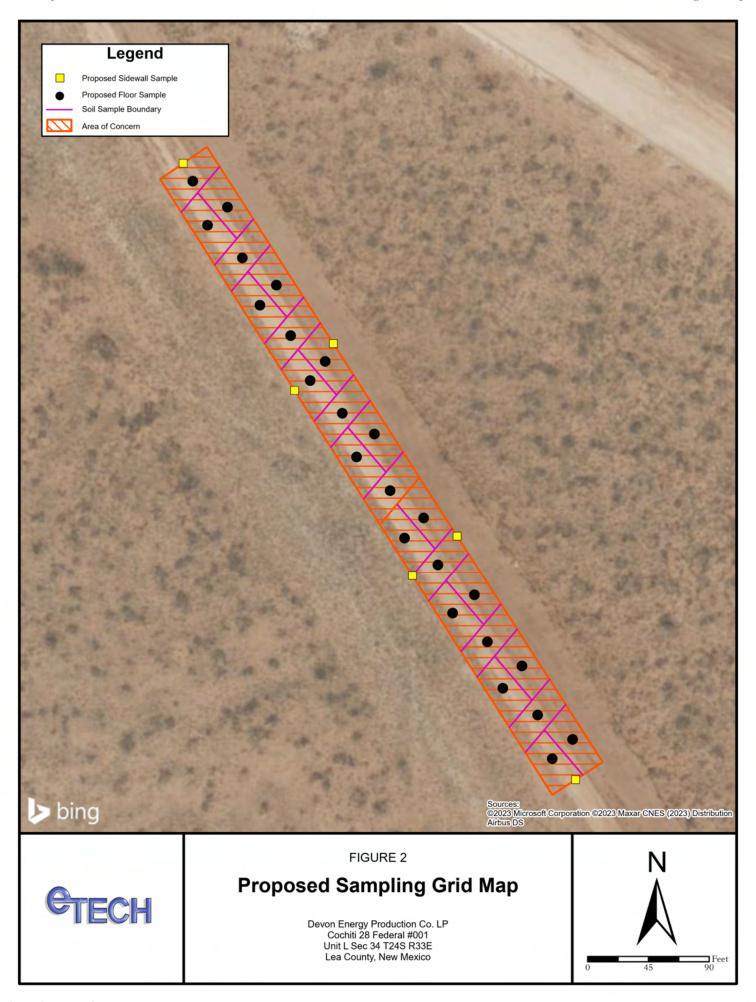












APPENDIX Ó

Referenced Well Records

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





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE ROSWELL

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	1	13	12	CALICHE WHITE SILTY SAND, VERY DENSE	CYGN	N/A
	13	24	11	RED SAND STONE	CYGN	N/A
	24	35	1	SHALE RED SILTY SAND, VERY DENSE	CYGN	N/A
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C-3603 POD NUMBER 6 T245-R33E-Sec.35.313

Released to Imaging: 1/15/2025 3:57:28 PM

FILE NUMBER

LOCATION

PAGE 2 OF 2

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 418038

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	418038
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

erequisites		
Incident ID (n#)	nRM2014059324	
Incident Name	NRM2014059324 COCHITI 28 FEDERAL #001 @ 30-015-30113	
Incident Type	Produced Water Release	
Incident Status	Reclamation Report Received	
Incident Well	[30-015-30113] COCHITI 28 FEDERAL #001	

Location of Release Source		
Please answer all the questions in this group.		
Site Name	COCHITI 28 FEDERAL #001	
Date Release Discovered	04/29/2020	
Surface Owner	Federal	

cident 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			
Aaterial(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.			
Crude Oil Released (bbls) Details	Not answered.		
Produced Water Released (bbls) Details	Cause: Vehicular Accident Other (Specify) Produced Water Released: 206 BBL Recovered: 138 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.		

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 2

Action 418038

QUESTI	ONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 418038 Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)
QUESTIONS	
Nature and Volume of Release (continued)	,
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	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	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted 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 releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 01/07/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 418038

QUESTIONS (continued)

	Operator:	OGRID:
	DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave. Oklahoma City, OK 73102		Action Number:
		418038
		Action Type:
		[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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 75 and 100 (ft.)		
What method was used to determine the depth to ground water	NM OSE iWaters Database Search		
Did this release impact groundwater or surface water	No		
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:			
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)		
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 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	Greater than 5 (mi.)		
Any other fresh water well or spring	Greater than 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 ind	licated. 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 lat	eral and vertical extents of soil contamination as	sociated 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 cont	amination been fully delineated	Yes		
Was this release entirely contained within a	a lined containment area	No		
Soil Contamination Sampling: (Provide the hi	ighest observable value for each, in millig	rams per kilograms.)		
Chloride (EPA 300	.0 or SM4500 Cl B)	90.6		
TPH (GRO+DRO+MRO) (EPA SW-8	346 Method 8015M)	32.1		
GRO+DRO (EPA SW	/-846 Method 8015M)	32.1		
BTEX (EPA SW	7-846 Method 8021B or 8260B)	0		
Benzene (EPA SW	V-846 Method 8021B or 8260B)	0		
	Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.			
On what estimated date will the remediation	n commence	10/18/2024		
On what date will (or did) the final sampling	or liner inspection occur	10/31/2024		
On what date will (or was) the remediation complete(d)		10/31/2024		
What is the estimated surface area (in square feet) that will be reclaimed		0		
What is the estimated volume (in cubic yards) that will be reclaimed		0		
What is the estimated surface area (in square feet) that will be remediated		0		
What is the estimated volume (in cubic yards) that will be remediated		0		
These estimated dates and measurements are recogn	nized to be the best guess or calculation at the tin	me of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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 418038

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	418038
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	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)	Yes	
Other Non-listed Remedial Process. Please specify	No soil removal required.	

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: 01/07/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 418038

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	418038
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only		
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.		
Requesting a deferral of the remediation closure due date with the approval of this submission	No	

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

Phone: (505) 629-6116
Online Phone Directory
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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 418038

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	418038
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	396923	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/01/2024	
What was the (estimated) number of samples that were to be gathered	116	
What was the sampling surface area in square feet	124443	

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	0	
What was the total volume (cubic yards) remediated	0	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	0	
What was the total volume (in cubic yards) reclaimed	0	
Summarize any additional remediation activities not included by answers (above)	The Site analyzed for any residual impacted within the vicinity of release. Based on laboratory analytical results, concentrations of COCs for all delineation and confirmation soil samples were below the Site Closure Criteria and/or reclamation standard	

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Email: jim.raley@dvn.com
Date: 01/07/2025

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

QUESTIONS, Page 7

Action 418038

QUESTIONS (continued)

Operator:		OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP		6137
333 West Sheridan Ave. Oklahoma City, OK 73102		Action Number: 418038
Oklahoma Gity, Ok 73102		
		Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
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QUESTIONS		
Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	Yes	
What was the total reclamation surface area (in square feet) for this site	0	
What was the total volume of replacement material (in cubic yards) for this site	0	
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil co to establish vegetation at the site, whichever is greater.		
Is the soil top layer complete and is it suitable material to establish vegetation	Yes	
On what (estimated) date will (or was) the reseeding commence(d)	03/01/2024	
Summarize any additional reclamation activities not included by answers (above)	be re-seede	boratory analytical results, no further remedial action is required, and the Site will d with NMSLO Sandy Loam Site Seed Mixture following the appropriate NMSLO guidelines for seed to sq ft area ratio.
The responsible party must attach information demonstrating they have complied with all applicable of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevan NMAC.		
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to a	ises which may adequately inv	y endanger public health or the environment. The acceptance of a C-141 report by estigate and remediate contamination that pose a threat to groundwater, surface
water, human health or the environment. In addition, OCD acceptance of a C-141 repor local laws and/or regulations. The responsible party acknowledges they must substantiprior to the release or their final land use in accordance with 19.15.29.13 NMAC includi	ially restore, re	claim, and re-vegetate the impacted surface area to the conditions that existed

Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 01/07/2025

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Energy, Minerals and Natural Resources
Oil Conservation Division
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Action 418038

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	418038
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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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 418038

CONDITIONS

Operator:	OGRID:
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333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	418038
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Reclamation/Remediation Closure Report for Incident #NRM2014059324 COCHITI 28 FEDERAL #001, thank you. This Reclamation/Remediation Closure Report is approved. On future Reclamation Reports, make sure at least one (1) representative 5-point composite sample is collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. Also, please make sure the area is back, as nearly as practical, to the original condition or the final land use (include photos) and maintain those areas to control dust and minimize erosion to the extent practical. Future Reclamation Reports will be denied if this does not occur.	1/15/2025