Environmental & Safety Solutions, Inc.

SITE CHARACTERIZATION AND REMEDIATION PLAN ADDENDUM

Prepared For:

Devon Energy Production Co, LP

5315 Buena Vista Dr.

Carlsbad, NM 88220

Site Information:

Todd 22 B Federal #002

Incident Number nLRN0428054360

Unit B, Section 22, Township 23 South, Range 31 East

Eddy County, New Mexico

(32.2957573°, -103.7635422°)

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

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy Production Co, LP (Devon), proposes this Site Characterization and Remediation Plan Addendum (SCRPA) for an inadvertent release of produced water and crude oil at the Todd 22 B Federal #002 (Site) which addresses the denial comments from the New Mexico Oil and Gas Division (NMOCD) for the recently submitted Site Characterization and Remediation Plan (SCRP) report. The previous SCRP was denied on December 6, 2024, due to the following reason(s):

- *"This application has been rejected because the C-141 is incomplete. The submitted application indicates a conflict between the questions answered and the attachments that have been submitted. For example, the groundwater depth question was answered 101' - 500' while the attachment indicates the groundwater estimate is greater than 55'. Please review the December 1, 2023. Public Notice titled "Implementation of Digital C-141 and New Incident Statuses" found on the EMNRD website. Review your C-141 submission and submit a new C-141 answering the appropriate questions for your circumstance."*

- *"Report states WPX Energy Permian, LLC and Devon are the operators. Records indicate the well has only been operated by Devon. The well was plugged in 2016 with the tank battery being owned by Harvard Petroleum in 2022. Submit a corrected SCRP with the appropriate operator and plans to remediate with current operator of the tank battery before January 15, 2025."*

Based on the results of the desktop review according to Table I, Closure Criteria for soils impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC), Devon requests a variance to the proposed Site Closure Criteria to be considered based on regional depth to groundwater assessment to use a well outside of the accepted ½-mile Site radius to estimate groundwater depth at the Site based on supporting regional groundwater data.

This SCRPA also includes a description of soil sampling events, a summary of laboratory analytical results from sampling events, and a proposal for an approach to rectify environmental impacts that Devon believes to be protective of the environment, public health, and groundwater.

SITE LOCATION AND RELEASE BACKGROUND

The production well (API 30-015-32203) for this Site (**Figure 1** in **Appendix A**), originally owned and operated by Devon, is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM). It has since been plugged and abandoned (P&A) in accordance with regulatory standards on November 8, 2016. While the well is no longer active, the facility (fAPP2204659443) for the tank battery containment location remains active and has undergone a change in ownership following the production well P&A activities. The active tank battery containment is now operated by Harvard Petroleum Company, LLC (Harvard), and as such, Devon will attempt to collaborate with Harvard in order to execute the remediation objectives proposed in this SCRPA.

On September 20, 2004, it was discovered that a storage tank failure resulted in the release of approximately 446 barrels (bbls) of produced water and 4 bbls of crude oil within an earthen bermed tank battery containment. A vacuum truck was dispatched to the Site and recovered approximately 426 bbls of produced water and 2 bbls of crude oil. Devon notified the New Mexico Conservation Division (NMOCD) immediately via email on the same day as release discovery. The incident was reported on a Release Notification and Form C-141 (Form C-141) on September 24, 2004, and was subsequently assigned Incident Number nLRN0428054360.

On January 22, 2024, Etech conducted a site assessment to confirm details of the release as reported on the Form C-141. Based on visual observations and information detailed on the Form C-141, the extent of

the release was mapped with a handheld Global Positioning System (GPS) unit, hereafter referred to as the Area of Concern (AOC), which is depicted on **Figure 2** in **Appendix A**.

SITE CHARACTERIZATION VARIANCE 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
- A 100-year floodplain.

As detailed in the original SCRP, an initial desktop review referencing the *NMOCD Oil and Gas Map* and/or the *USGS National Water Information System: Mapper* indicated a New Mexico Office of the State Engineer (NMOSE) permitted soil boring was drilled by Vision Resources for Harvard Petroleum Company on March 9, 2023, located approximately 0.7 miles northeast of the Site (**Figure 1A** in **Appendix A**). The boring was assigned NMOSE file number C-04712-POD4. Using a truck mounted drill rig equipped with air rotary, the soil boring was advanced to a total depth of 55 feet below ground surface (bgs). No fluids were observed throughout the drilling process. Following the observation period, the boring was plugged and abandoned per the appropriate NMOSE regulations. The boring log and plugging record are provided in **Appendix B**.

Based on recent (defined by less than 25 years ago from the current year) depth to groundwater measurements of multiple wells and/or soil borings located within approximately 5 miles surrounding the Site (**Figure 1A** in **Appendix A**), the shallowest depth to groundwater at the Site is estimated to be greater than 100 feet bgs.

The next closest permitted boring with recent depth to groundwater data is NMOSE permitted boring C-04709-POD1, located approximately 1 mile northwest of the Site. The boring was advanced to a total depth of 55 feet bgs on April 18, 2023. No fluids were observed through the drilling process, or after the 72-hr observation period. The next closest available depth to groundwater data was measured from NMOSE permitted boring C-04774-POD1, located 1.3 miles east of the Site. The boring was advanced to a total depth of 105 feet bgs on December 17, 2023. No fluids were observed through the drilling process, or after the 72-hr observation period. Based on the desktop well review, a total of 24 recent borings including USGS wells, were utilized to estimate depth to groundwater for the Site within a 5-mile radius. The findings indicate that all borings advanced to 55 feet bgs were dry and none of the groundwater wells indicated depth to groundwater was less than 100 feet bgs. It should be noted that there are more borings within the designated 5-mile radius, but only the wells and/or borings with depth to groundwater data collected within the past 25 years are referenced as “recent” borings. All referenced borings and/or well records are included in **Appendix B**.

Wells and/or soil borings with recent depth to groundwater data supporting a regional depth to groundwater greater than 100 feet bgs exist within a 5-mile radius of the Site. The Form C-141

questionnaire requests, “What is the shallowest depth to groundwater beneath the area affected by the release in feet bgs?”, which in turn is most appropriately answered with a depth to groundwater measurement. As previously answered on the Form C-141 with the submission of the SCRP, the “shallowest depth to groundwater beneath the area affected by the release” was determined by a recent depth to groundwater measurement from the closest well to the Site with an available depth to groundwater measurement(s), the United States Geological Survey (USGS) well 321609103445901, located approximately 1.95 miles southeast of the Site. The most recent depth to ground water measurement was documented at 101.55 feet bgs, on January 17, 2013. Based on the closest available depth to groundwater data, Devon proposes to conservatively estimate depth to groundwater at the Site based on the NMOSE well C-04712-POD4, a dry boring advanced up to 55 feet bgs, even though depth to groundwater measurements on a regional scale supports the “shallowest depth to groundwater beneath the area affected by the release” to be greater than 100 feet bgs.

The Site is located within a low karst potential area and all other potential receptors are not within the established buffers defined in NMAC 19.15.29.12.

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

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

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

Receptor details and sources used to determine the site characterization are included in **Figure 1A**, **Figure 1B**, and **Figure 1C** in **Appendix A**.

DELINEATION SOIL SAMPLING ACTIVITIES

From February 2, 2024, to March 26, 2024, Etech conducted delineation activities to assess the vertical and lateral extents of residual impacts associated with the AOC. Eleven delineation boreholes (BH01 through BH11) were advanced to 4 feet bgs within and surrounding the AOC. Delineation was driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Two soil samples were collected for laboratory analysis per delineation soil sampling location, representing the highest observed field screening concentration(s) and the terminus depth. Field screening results and soil descriptions are detailed on Soil Sampling Logs included in **Appendix C**. Photographic documentation of excavation activities is included in **Appendix D**.

The delineation soil samples were placed 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. in Farmington, New Mexico, for analysis of the COCs. The delineation soil sample locations are shown in **Figure 2** in **Appendix A**.

DELINEATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all delineation soil samples indicated BTEX and chloride concentrations were below the Site Closure Criteria.

Laboratory analytical results for delineation soil samples BH06 and BH07, collected within the AOC, indicated TPH concentrations exceeded the Site Closure Criteria at 0.5-foot bgs (characterized by concentrations ranging from 3,930 mg/kg to 17,600 mg/kg). Laboratory analytical results for the remainder of the delineation soil samples indicated TPH concentrations were below the Site Closure Criteria. The terminus soil sample from each delineation soil sampling location yielded concentrations of COCs below the Site Closure Criteria.

Laboratory analytical results are summarized in **Table 1** included in **Appendix E**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix F**.

CONFIRMATION SOIL SAMPLING ACTIVITIES

On March 14 and 26, 2024, Etech collected 5-point composite confirmation soil samples from the AOC footprint (FS01 through FS27) and edge boundaries (SW01 and SW02), representing no more than 200 square feet per composite soil sample. Soil was field screening for VOCs and chloride as previously described. The 5-point composite soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. The samples were then handled and analyzed as previously described. The confirmation soil sample locations are shown in **Figure 3** in **Appendix A**. Photographic documentation of confirmation soil sampling activities is included in **Appendix D**.

CONFIRMATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for the confirmation soil samples indicated BTEX and chloride concentrations were below the Site Closure Criteria.

Laboratory analytical results indicated TPH concentrations exceeded the Site Closure Criteria for approximately half of the confirmation soil samples collected from the AOC footprint. The remainder of the confirmation soil samples, including SW01 and SW02, indicated TPH concentrations were below the Site Closure Criteria.

Laboratory analytical results are summarized in **Table 1** included in **Appendix E**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix F**.

REMEDIATION PLAN

Based on delineation and confirmation soil sample analytical results, the following conclusions regarding the release are presented:

- Residual soil impacts, defined by Site Closure Criteria, appear to be contained within the top 0.5-foot bgs and have been sufficiently vertically and horizontally delineated.
- Regional groundwater data suggests groundwater depth at the Site is greater than 100 feet bgs, based on data from multiple borings and/or groundwater wells surrounding the Site. The closest permitted boring, located approximately 0.7 miles northeast of the Site, was reported dry up to 55 feet bgs.

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

- Excavation(s) required for removal of identified soil impacts will be advanced laterally and vertically until confirmation soil sample results from the floor and sidewalls of the excavation meet the Site Closure Criteria, unless advancement is inhibited by existing, active infrastructure. In which case, Devon may implement encroachment requirements for the health and safety of on-site personnel and for the structural integrity of active infrastructure. Such restrictions include

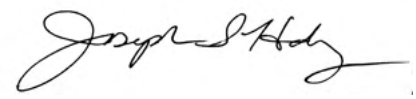
but are not limited to leaving soil in place beneath and/or directly adjacent to said infrastructure within an area reasonably being used for production purposes.

- Following completion of an excavation, 5-point composite confirmation soil samples will be collected from the excavation floor and sidewalls. Confirmation soil samples will be collected, handled, and analyzed for COCs by an accredited laboratory as previously described.
- The closest depth to groundwater data for determining the proposed Site Closure Criteria is a dry boring located approximately 0.7 miles, which is 0.2 miles (1,056 feet) outside the NMOCD accepted buffer for depth to groundwater determination for Site Characterization. If a boring were to be advanced within the 0.5 mile of the Site, depth to groundwater is anticipated to be greater than 55 feet bgs based on all supporting regional depth to groundwater data. Scheduling such a soil boring would drastically increase the timeline to complete a report due to limited availability of drillers in addition to permitting and approval processes required to advance a boring. Furthermore, the Site is located in a designated low karst potential, which likely reduces the chance of unexpected or sudden changes in depth to groundwater and results in a more predictable depth to groundwater following surface topography. The release is located on pad within an earthen berm, and any impacts identified over the reclamation standard within the top 4 feet bgs will be addressed during reclamation activities as to promote vegetative growth. As such, Devon believes that the proposed variance to accept NMOSE permitted boring C-04712-POD4 and regional groundwater data for the affiliated Site Closure Criteria is equally protective of groundwater, public health, and the environment.
- Upon notification of acceptance of this variance and SCRPA by the NMOCD and BLM, Devon will initiate remediation activities within 90 days. However, if the NMOCD and/or the BLM does not accept the proposed variance, Devon will schedule a drill rig to verify depth to groundwater at the Site. A soil boring will be advanced up to 55 feet bgs or until groundwater is reached, whichever occurs first, within ½-mile of the Site to determine depth to groundwater at the Site. The boring will be left open for a minimum 72-hour observation period to allow groundwater to equilibrize if present. Following the observation period, depth to groundwater and/or the dry soil boring depth will be measured with an interface probe and recorded on a soil boring log to be submitted with the Plugging Record to NMOSE. Upon determining the depth to groundwater and consideration of the desktop review presented in this SCRPA, Devon proposes to update the Site Closure Criteria according to Table I in NMAC 19.15.29.12 and submit the well record to the NMOCD via email for review and approval. Drilling permits will be prepared to advance a soil boring, which includes but is not limited to:
    - BLM land access permitting preparation, review and approval,
    - Cultural and/or Biological Surveys and review,
    - Coordination and scheduling to retain a drill rig, and
    - Approval of drilling permit(s) by New Mexico Office of the State Engineer (NMOSE).
- As such, the Site will be remediated via dig and haul method according to the appropriate Site Closure Criteria, which is to be determined pending the NMOCD, and BLM review of the proposed variance.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (432) 305-6413 or joseph@etechenv.com or Anna Byers at (432) 305-6415 or anna@etechenv.com. **Appendix G** provides correspondence and/or email notification receipts associated with the subject release. The previously submitted SCRP can be referenced in **Appendix H**.

Sincerely,
Etech Environmental and Safety Solutions, Inc.





Anna Byers
Senior Geologist

Joseph S. Hernandez
Senior Managing Geologist

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

Appendices:

Appendix A: Figure 1: Site Map
Figure 1A: Site Characterization Map – Groundwater
Figure 1B: Site Characterization Map – Surficial Receptors
Figure 1C: Site Characterization Map – Subsurface Receptors
Figure 2: Delineation Soil Sample Locations
Figure 3: Confirmation Soil Sample Locations

Appendix B: Referenced Well Records

Appendix C: Soil Sampling Logs

Appendix D: Photographic Log

Appendix E: Tables

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

Appendix G: Correspondence & Notifications

Appendix H: Archived Reports

APPENDIX A

Figures



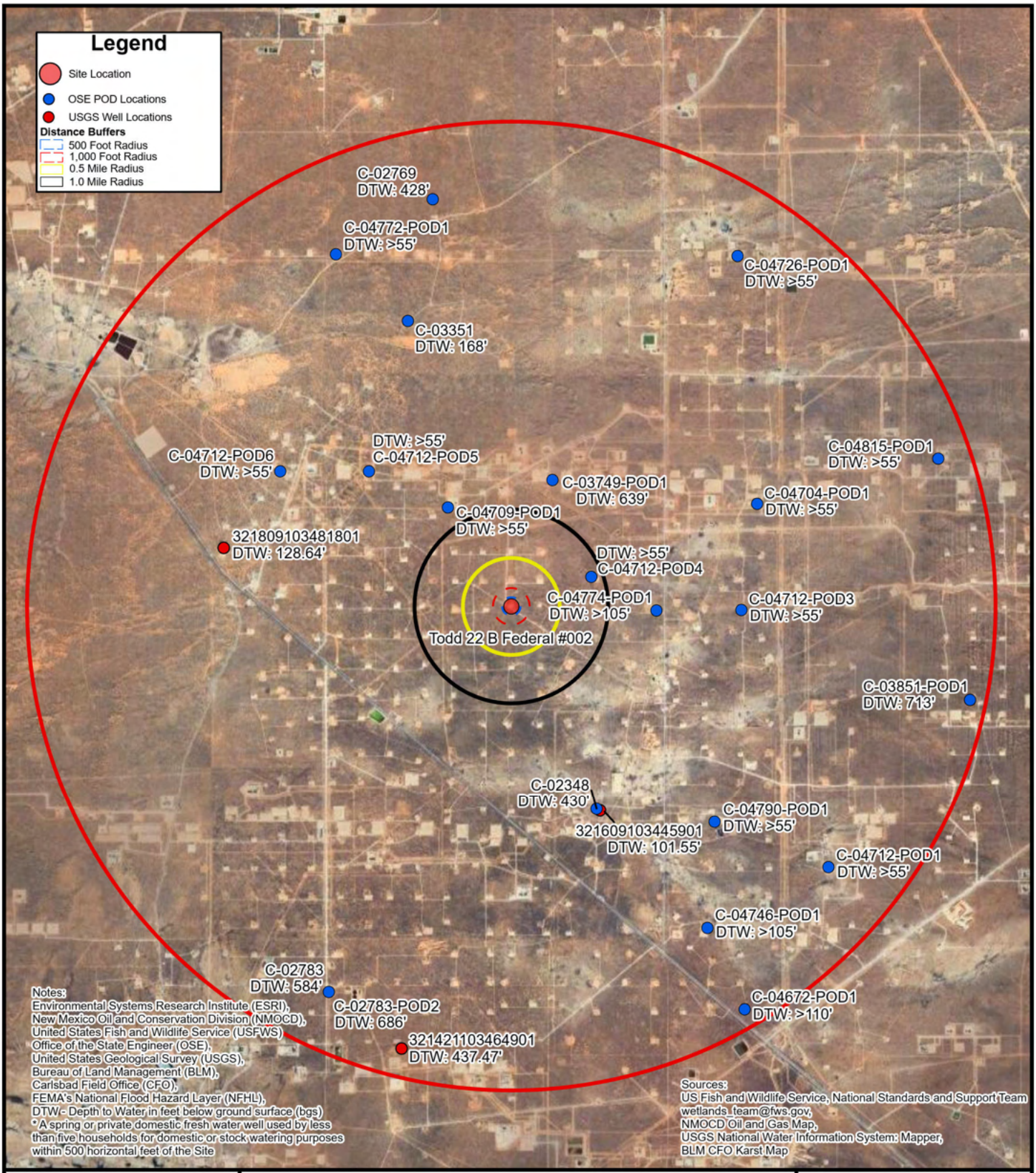
FIGURE 1

Site Location Map

Devon Energy Production Co, LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico

N

0 2,000 4,000 Feet



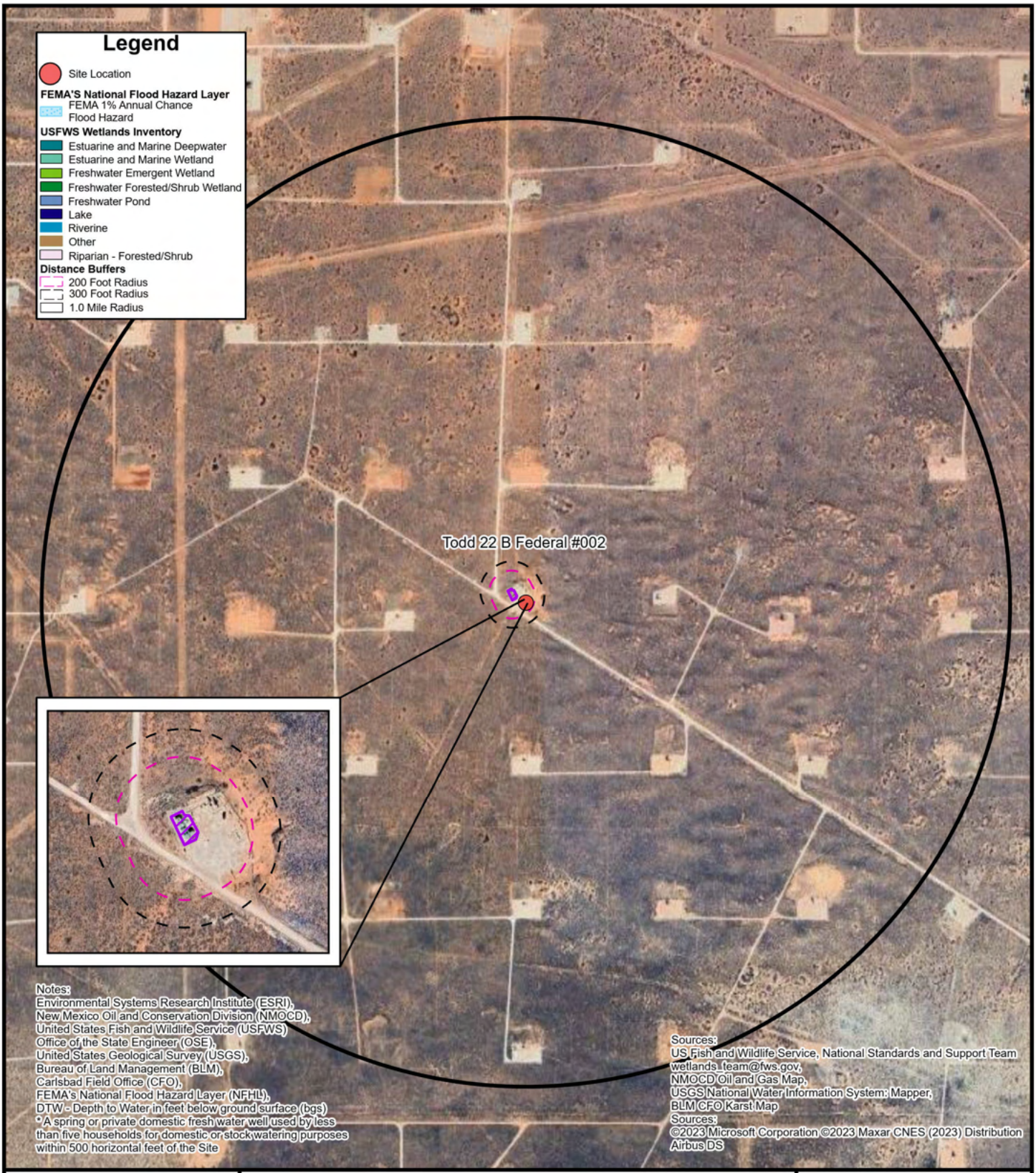
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FIGURE 1A

Site Characterization Map

Groundwater

Devon Energy Production Co, LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico



eTECH

FIGURE 1B

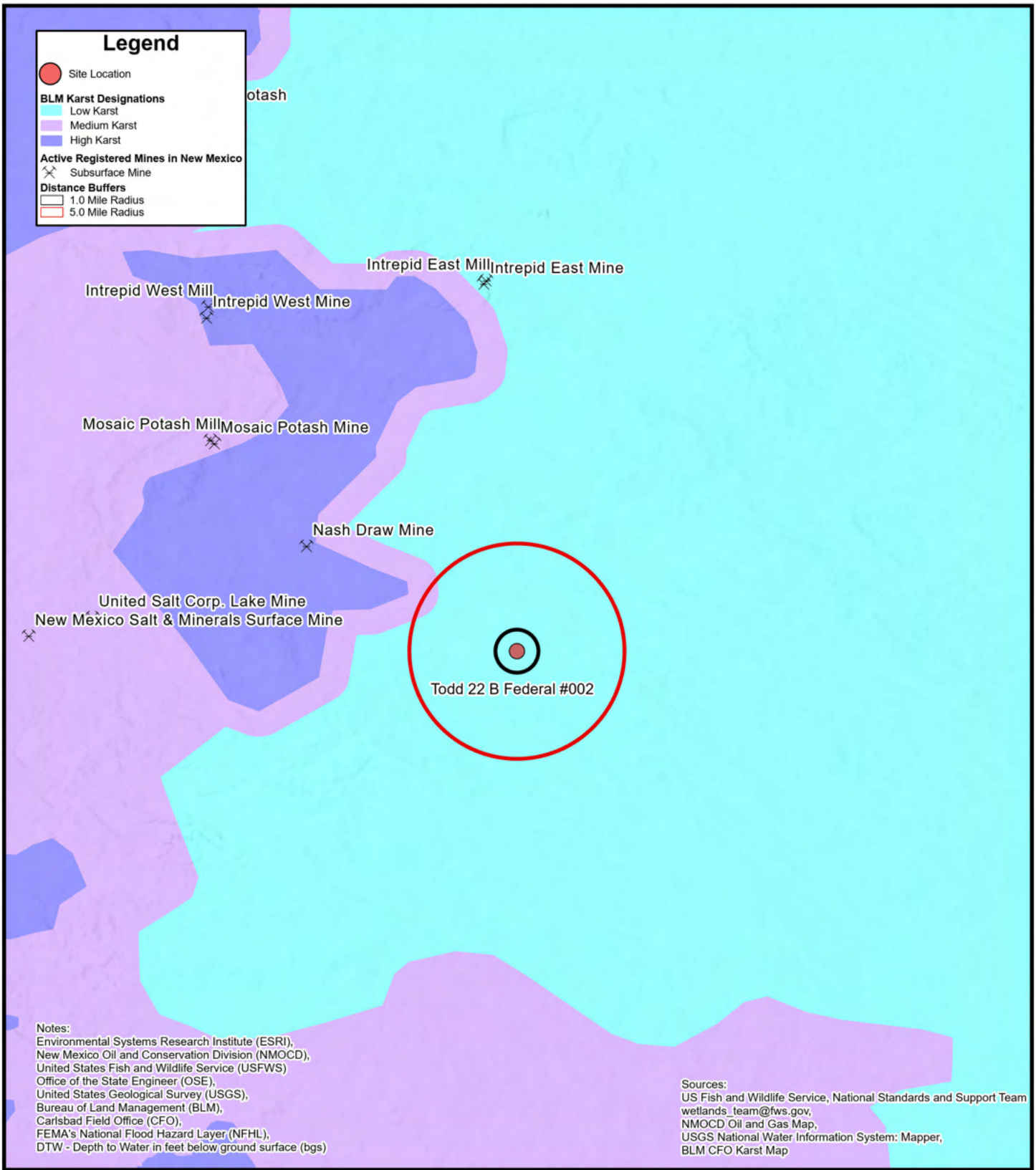
Site Characterization Map

Surficial Receptors

Devon Energy Production Co, LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico

N

0 500 1,000 Feet



eTECH

FIGURE 1C

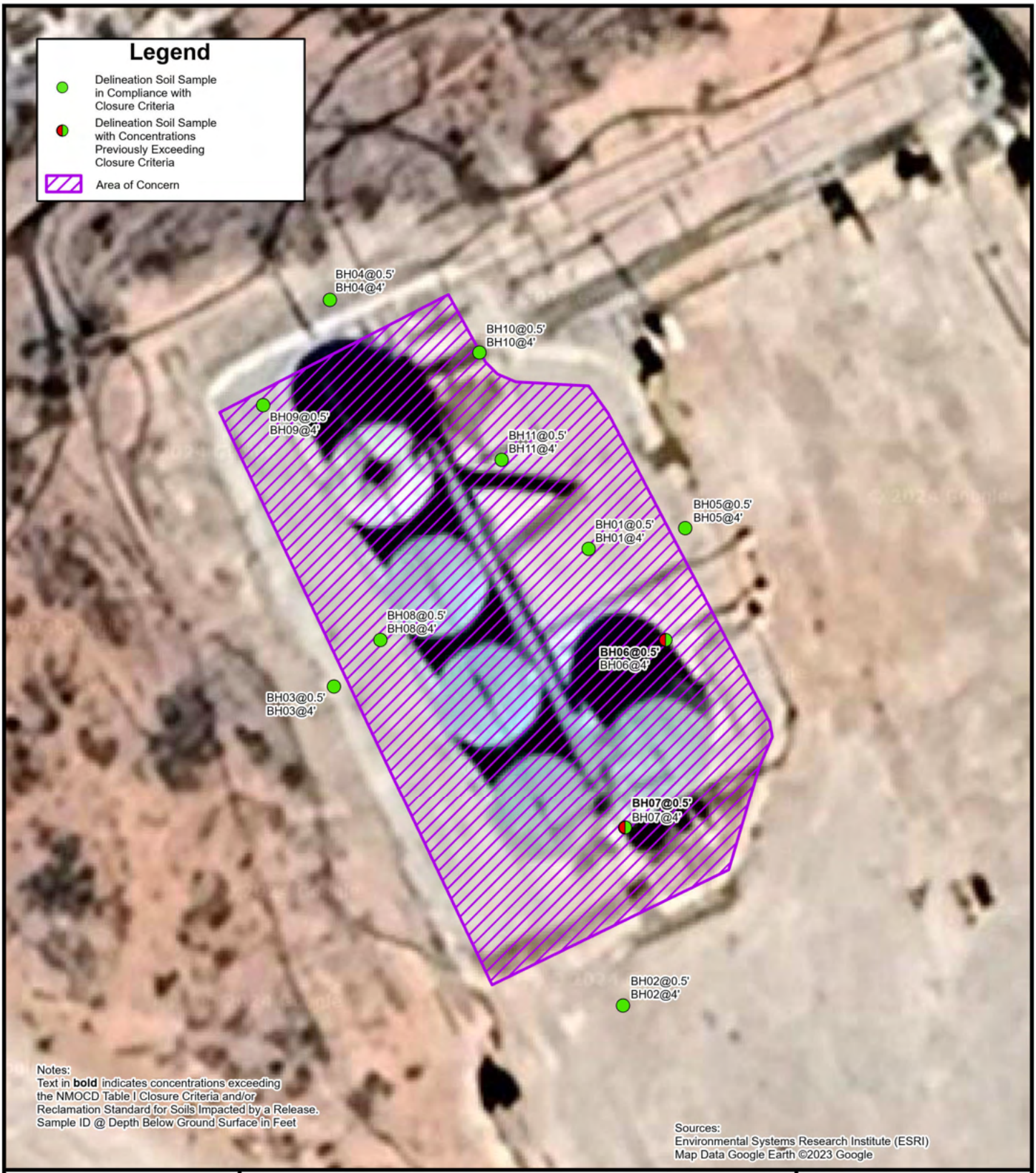
Site Characterization Map

Subsurface Receptors

Devon Energy Production Co, LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico

N

0 15,000 30,000 Feet



eTECH

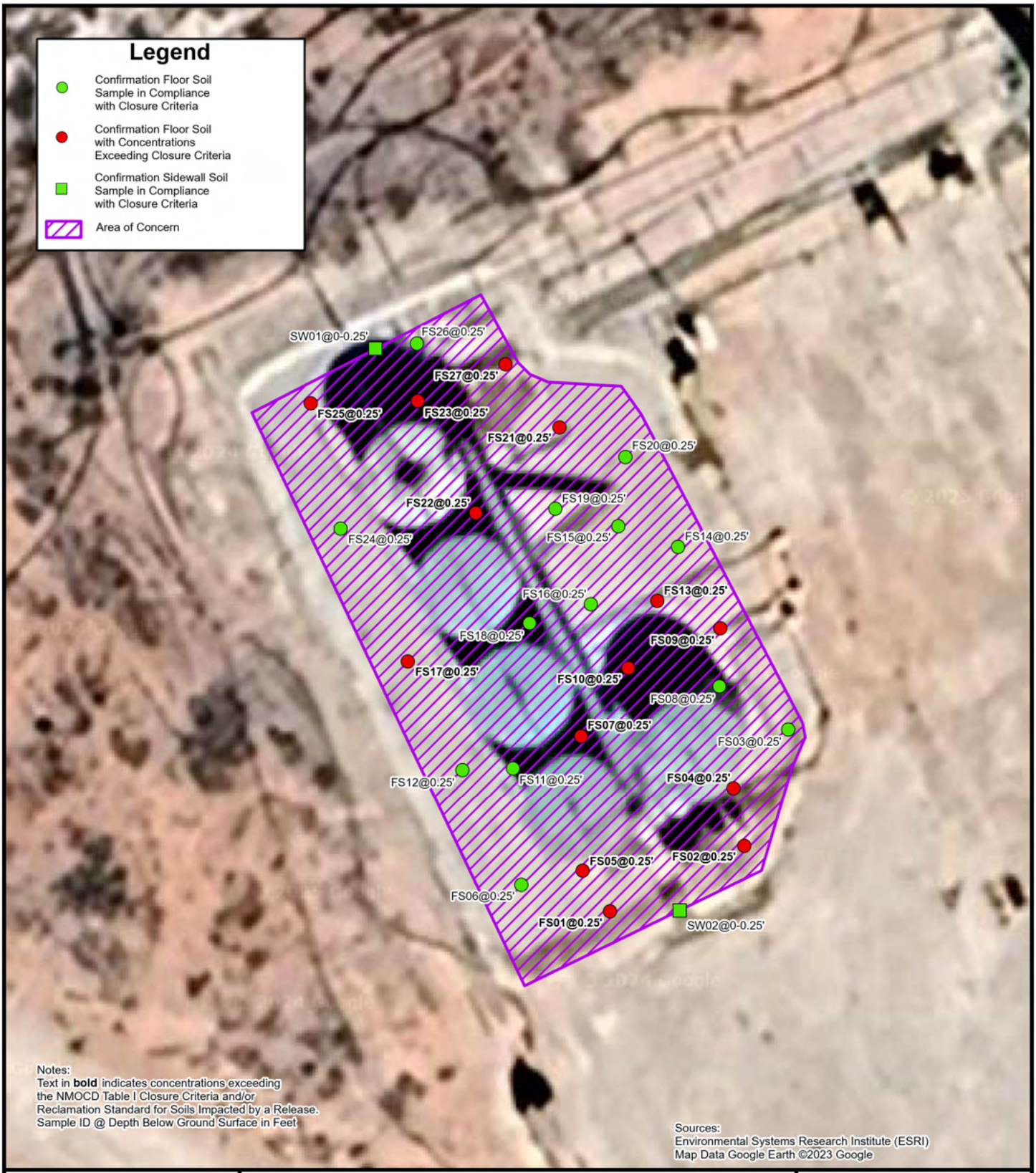
FIGURE 2

Delineation Soil Sample Locations

Devon Energy Production Co, LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico

N

0 12.5 25 Feet



eTECH

FIGURE 3

Confirmation Soil Sample Locations

Devon Energy Production Co, LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico

N

0 12.5 25 Feet

APPENDIX B

Referenced Well Records

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.): ~~C-4712~~ POD4	WELL TAG ID NO.	OSE FILE NO(S.): C-4712
WELL OWNER NAME(S): Harvard Petroleum Company		PHONE (OPTIONAL)
WELL OWNER MAILING ADDRESS: PO Box 936		CITY: Roswell STATE: NM ZIP: 88202

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	17	58.2	N
LONGITUDE	103	45	05.8	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE:

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1833	Jason Maley	Vision Resources

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
3/9/23	3/9/23	55	55	Dry

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): Dry

DATE STATIC MEASURED:

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	45	6	2" PVC sch 40	Thread	2"	sch 40	—
45	55	6	2" PVC sch 40	Thread	2"	sch 40	.02

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3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			None Pulled And Plugged		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4712-POD4	POD NO. 4	TRN NO. 743189	
LOCATION Roswell 23.31.14.143		WELL TAG ID NO. —	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	25	25	White Caliche	Y (N)	
25	55	30	Red Sand And Caliche	Y (N)	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): Dry

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

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PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jason Maley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

3/24/23 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4712-POD 4	POD NO. 4	TRN NO. 743189	
LOCATION Wan 23.31.14.143		WELL TAG ID NO. —	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 743189
File Nbr: C 04712
Well File Nbr: C 04712 POD4

Apr. 04, 2023

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

Greetings:

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

The Well Record was received in this office on 04/04/2023, stating that it had been completed on 03/09/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/21/2024.

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

Sincerely,

Maret Thompson
(575)622-6521

drywell

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-04712 POD 4

Well owner: Harvard Petroleum Company Phone No.:

Mailing address: PO Box 936

City: Roswell State: NM Zip code: 88202

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Vision Resources

2) New Mexico Well Driller License No.: 1833 Expiration Date: 10/7/25

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Jason Maley

4) Date well plugging began: 3/14/23 Date well plugging concluded: 3/14/23

5) GPS Well Location: Latitude: 32 deg, 17 min, 58.2 sec
Longitude: 103 deg, 45 min, 05.8 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl), by the following manner: Tape

7) Static water level measured at initiation of plugging: Dry ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: Yes

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

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Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
0					
55	Bentonite Chips	81	81	Open hole	

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MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Jason Mabry, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

J Mabry
Signature of Well Driller

3/24/23
Date

Version: September 8, 2009
Page 2 of 2

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD 1 (TW-1)	N/A	C-04709

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy	575-748-1838

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6488 7 Rivers Hwy	Artesia	NM	88210

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	18	29.62	N
	LONGITUDE	103	46	22.89	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

SW NW NW Sec. 15 T23S R31E , NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
4/11/23	4/11/23	Temporary Well Material	±55	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 4/18/23

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	55	±6.25	Soil Boring	--	--	--	--

OSE DIT APR 20 2023 PM 1:52

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

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

FILE NO.	C-04709	POD NO.	1	TRN NO.	743056
LOCATION	23S.31E.15.311	WELL TAG ID NO.		PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	8	8	Sand, fine-grained, poorly graded, unconsolidated, Brown	Y ✓ N	
8	16	8	Sand, fine-grained, poorly graded, unconsolidated, with caliche Brown / white	Y ✓ N	
16	55	39	Sand, fine/ very fine-grained, poorly graded, consolidated layers , Brown	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.
42
MALDIVES 15 CTB 1

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PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Cameron Pruitt

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 4/27/23

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-04709	POD NO. 1	TRN NO. 743056	
LOCATION 23S.31E.15.311		WELL TAG ID NO.	PAGE 2 OF 2

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-04709 POD-1

Well owner: Devon Energy Phone No.: 575-748-1838

Mailing address: 6488 7 Rivers Hwy

City: Artesia State: New Mexico Zip code: 88210

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/25

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge, Cameron Pruitt

4) Date well plugging began: 4/18/23 Date well plugging concluded: 4/18/23

5) GPS Well Location: Latitude: 32 deg, 18 min, 29.62 sec
Longitude: 103 deg, 46 min, 22.89 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl), by the following manner: weighted tape

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 2/21/2023

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE OIT APR 20 2023 PM 1:51

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	Augers	
	10'-55' Drill Cuttings	Approx. 71 gallons	71 gallons	Boring	

OSE DIT APR 28 2023 PM1:51

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins — Signature of Well Driller

4/27/23 — Date

WELL RECORD & LOG Todd 23 Fed

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
~~C-4774~~ POD 1	NA	C04774

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy Resources	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
205 E. Bender Road # 150	Hobbs	NM	88210

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	17	42.8604	N
	LONGITUDE	103	44	30.8436	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1833	Jason Maley	Vision Resources

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
12-14-23	12-14-23	105'	105'	Dry

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 12-17-23

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	95'	6"	2" PVC SCH40	Thread	2'	SCH40	N/A
95'	105'	6"	2" PVC SCH40	Thread	2'	SCH40	.02

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3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			None Pulled and Plugged		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4774-POD1	POD NO. 1	TRN NO. 751178	
LOCATION Expl 23.31.23.422		WELL TAG ID NO. ———	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	5'	5'	Brown sand with coarse rock	Y ✓ N	
5'	30'	25'	Tan fine sand with coarse rock	Y ✓ N	
30'	105'	75'	Brown sand mixed with clay	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: Dry hole

TOTAL ESTIMATED WELL YIELD (gpm): Dry

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

OSE DII JAN 12 2024 PM1:52

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jason Maley — 1/10/24

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

well Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 751178
File Nbr: C 04774
Well File Nbr: C 04774 POD1

Jan. 12, 2024

DALE WOODALL
DEVON ENGERGY RESOURCES
205 E BENDER ROAD #150
HOBBS, NM 88240

Greetings:

The above numbered permit was issued in your name on 09/19/2023.

The Well Record was received in this office on 01/12/2024, stating that it had been completed on 12/14/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 09/18/2024.

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

Sincerely,

Maret Thompson
(575)622-6521

drywell

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4774

Well owner: Devon Energy Resources Phone No.: _____

Mailing address: 205 E. Bender Road # 150

City: Hobbs State: NM Zip code: 88240

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Vision Resources

2) New Mexico Well Driller License No.: 1833 Expiration Date: 10-7-25

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Jason Maley

4) Date well plugging began: 12-20-23 Date well plugging concluded: 12-20-23

5) GPS Well Location: Latitude: 32 deg, 17 min, 42.8604 sec
Longitude: 103 deg, 44 min, 30.8436 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 105' ft below ground level (bgl), by the following manner: Tape

7) Static water level measured at initiation of plugging: N/A ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 9-21-23

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

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Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
0		155	155	Tremie pipe Open Hole	
	Wyoming Bentonite				
105'					

OSE DII JAN 12 2024 PM1:52

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Jason Maley , say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

1/10/24
Date

Version: September 8, 2009
Page 2 of 2

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04712 POD4		CUB	ED	NW	SE	SW	14	23S	31E	617535.4	3574316.2		1198	55		
C 04709 POD1		CUB	ED	SW	NW	NW	15	23S	31E	615508.8	3575262.4		1644			
C 02777		CUB	ED	SE	SE	SE	10	23S	31E	616973.8	3575662.1		1857	890		
C 03749 POD1		CUB	ED		NE	NE	15	23S	31E	616973.8	3575662.1		1857	865	639	226
C 04774 POD1		CUB	ED	SE	NE	NE	23	23S	31E	618456.0	3573856.4		2041	105		
C 04855 POD1		CUB	ED	NE	SW	SW	11	23S	31E	617417.6	3575936.7		2278	105		
C 02258		C	ED		SW	NE	26	23S	31E	618055.0	3571853.0 *		2615	662		
C 04712 POD5		CUB	ED	SE	SE	SW	09	23S	31E	614392.9	3575754.4		2750	55		
C 04776 POD1		CUB	ED	SW	SW	SW	09	23S	31E	613953.1	3575651.8		3027		105	
C 02348		C	ED	NW	SE	SW	26	23S	31E	617647.5	3571068.0		3079	700	430	270
C 04712 POD3		CUB	ED	SE	NW	NE	24	23S	31E	619650.7	3573877.9		3235	55		
C 02954 EXPL		CUB	ED	SW	NW	SE	20	23S	31E	613114.0	3572906.0 *		3444	905		
C 04704 POD1		CUB	ED	SW	NE	NE	13	23S	31E	619854.4	3575363.5		3741			
C 04712 POD6		CUB	ED	SW	SW	SE	08	23S	31E	613146.6	3575740.1		3755	55		
C 02773		CUB	ED	SE	NW	SW	03	23S	31E	615668.0	3577762.0 *		3942	880		
C 03140		CUB	ED	SE	NE	SE	04	23S	31E	615266.0	3577758.0 *		4034	684		
C 04790 POD1		CUB	ED	SE	SE	SW	25	23S	31E	619309.4	3570904.8		4158	55		
C 03351		C	ED	SE	NW	SE	04	23S	31E	614916.6	3577861.1		4243	320	168	152
C 04877 POD1		CUB	LE	SE	NW	NW	30	23S	32E	620540.4	3572234.6		4445	105		
C 02774		CUB	ED	SW	NW	SW	04	23S	31E	613857.0	3577745.0 *		4626	1660		
C 04746 POD1		CUB	ED	SW	SE	SW	36	23S	31E	619225.7	3569417.8		5282	105		
C 02405		CUB	ED		SE	NW	02	24S	31E	617690.0	3568631.0 *		5411	275	160	115
C 02664		CUB	ED	SW	SW	NE	05	23S	31E	613049.0	3578138.0 *		5419	4291	354	3937
C 02464		C	ED	NE	SW	NW	02	24S	31E	617644.7	3568581.6		5449	320	205	115
C 04772 POD1		CUB	ED	NW	NW	NW	04	23S	31E	613895.0	3578780.5		5501	55		
C 02769 POD2		CUB	ED	SE	NE	SE	33	22S	31E	615260.6	3579312.3		5543	753	428	325

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 02492		CUB	ED	SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		5546	135	85	50
C 02865		CUB	ED	SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		5546	174		
C 02492 POD2		C	ED	SW	NE	NE	07	23S	31E	611767.4	3576996.6		5589	400	125	275
C 02687		CUB	ED	SE	NE	SE	33	22S	31E	615246.0	3579364.0 *		5597	779		
C 02767		CUB	ED	SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		5690	785		
C 02768		CUB	ED	SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		5690	787		
C 04712 POD1		CUB	LE	NW	SE	NW	31	23S	32E	620917.2	3570289.2		5765	55		
C 02769		CUB	ED	NE	NE	SE	33	22S	31E	615246.0	3579564.0 *		5792	765		
C 04726 POD1		CUB	ED	NW	NW	SE	01	23S	31E	619538.3	3578821.3		5836			
C 02661		CUB	ED	SW	SW	NW	04	24S	31E	613969.0	3568485.0 *		5933	708		
C 02785		CUB	ED	SW	SW	NW	04	24S	31E	613969.0	3568485.0 *		5933	692		
C 02460		C	ED			SW	02	24S	31E	617496.0	3568022.0 *		5967	320		
C 02460 POD2		C	ED			SW	02	24S	31E	617496.0	3568022.0 *		5967	320		
C 02783		CUB	ED	SW	SW	NW	04	24S	31E	613911.2	3568461.9		5978	708		
C 02783 POD2		CUB	ED	SW	SW	NW	04	24S	31E	613911.2	3568461.9		5978	672		
C 02784		C	ED	SE	NE	SE	04	24S	31E	613911.2	3568461.9		5978	584		
C 02776		CUB	ED	NE	NW	NW	05	23S	31E	612440.0	3578731.0 *		6263	661		
C 04815 POD1		CUB	LE	NW	SE	SW	08	23S	32E	622391.9	3576025.7		6346	55		
C 02725		CUB	ED	NW	NW	NW	05	23S	31E	612240.0	3578731.0 *		6392	532		
C 02775		CUB	ED	NW	NW	NW	05	23S	31E	612240.0	3578731.0 *		6392	529		
C 03520 POD1		C	ED	SW	NW	NW	07	23S	31E	610732.6	3576905.8		6432	500		
C 04672 POD 1		CUB	ED	NE	NW	SE	01	24S	31E	619762.2	3568286.5		6527	110		
C 03851 POD1		CUB	LE	SW	SW	SE	20	23S	32E	622879.6	3572660.0		6580	1392	713	679
C 03138		CUB	ED	SW	SW	SW	26	22S	31E	617043.0	3580591.0 *		6729	750		
C 02757		CUB	ED	SE	SE	SE	28	22S	31E	615232.0	3580571.0 *		6784	4057		
C 03529 POD1		C	LE	NE	SE	SW	29	23S	32E	622651.2	3571212.5		6786	550		
C 04712 POD2		CUB	LE	SE	SE	SE	17	23S	32E	623331.9	3574331.5		6931	55		
C 02756		CUB	ED	SW	SE	SE	26	22S	31E	618250.0	3580606.0 *		6961	1998		
C 03152		CUB	ED	SW	SE	SE	26	22S	31E	618250.0	3580606.0 *		6961	938		

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 03222 EXPLORE		CUB	ED	NW	NW	SE	12	23S	30E	609833.0	3576349.0 *		7026	365		
C 03139		CUB	ED	SE	NE	SE	01	23S	30E	610424.0	3577764.0 *		7134	425		
C 02416		CUB	ED	SW	NE	SE	28	22S	31E	615027.0	3580973.0 *		7217	800	401	399
C 02417		CUB	ED	SE	SE	SE	29	22S	31E	613623.0	3580554.0 *		7224	681		
C 02440		C	ED		NE	SW	10	24S	31E	616103.0	3566599.0 *		7298	350		
C 02420		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	779	450	329
C 02421		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	786	450	336
C 02422		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	785	450	335
C 02423		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	782	450	332
C 02424		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	786	450	336
C 02425		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	788	450	338
C 02426		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	785	450	335
C 03207		CUB	ED	SE	NE	SE	29	22S	31E	613618.0	3580956.0 *		7599	150		
C 02761 POD1		CUB	ED	NE	NE	SE	29	22S	31E	613651.0	3581101.5		7722	725		
C 02760		CUB	ED	NE	NE	SE	29	22S	31E	613618.0	3581156.0 *		7785	725		
C 02761		CUB	ED	NE	NE	SE	29	22S	31E	613618.0	3581156.0 *		7785	730		
C 02764		CUB	ED	NE	NE	SE	29	22S	31E	613618.0	3581156.0 *		7785	902		
C 03559 POD5		CUB	ED	SE	SW	NE	01	23S	30E	609912.4	3578236.2		7821	50		
C 03559 POD1		CUB	ED	SE	SW	NE	01	23S	30E	609928.3	3578260.7		7821	50	0	50
C 03559 POD2		CUB	ED	SE	SW	NE	01	23S	30E	609928.3	3578260.7		7821	25	0	25
C 03559 POD3		CUB	ED	SE	SW	NE	01	23S	30E	609928.3	3578260.7		7821	20	0	20
C 03559 POD4		CUB	ED	SE	SW	NE	01	23S	30E	609928.3	3578260.7		7821	25	0	25
C 03555 POD1		C	LE	NE	NE	NW	05	24S	32E	622748.5	3569233.6		7861	600	380	220
C 02766		CUB	ED	SW	SW	SW	29	22S	31E	612216.0	3580541.0 *		7865	589		
C 02418		CUB	ED	SW	NE	SW	29	22S	31E	612613.0	3580948.0 *		8016	617	413	204
C 02419		CUB	ED	SW	NE	SW	29	22S	31E	612613.0	3580948.0 *		8016	225		
C 04663 POD1		CUB	LE	SW	NW	NE	31	22S	32E	621181.3	3580341.4		8020	110		
C 04646 POD1		CUB	ED	NW	NW	NE	01	24S	30E	609909.0	3569179.8		8032	110		
C 04687 POD1		CUB	ED	SE	NE	SW	12	24S	31E	619481.4	3566450.0		8047	110		

Average Depth to Water: **310 feet**

Minimum Depth: **0 feet**

Maximum Depth: **713 feet**

Record Count: 84

Basin/County Search:
Basin: C

UTM Filters (in meters):
Easting: 616414.89
Northing: 3573890.41
Radius: 8050

*** UTM location was derived from PLSS - see Help**

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.

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321609103445901

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321609103445901 23S.31E.26.34411

Eddy County, New Mexico
Latitude 32°16'11.9", Longitude 103°45'01.2" NAD83
Land-surface elevation 3,451.00 feet above NGVD29
The depth of the well is 365 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Dewey Lake Redbeds (312DYLK) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1959-02-04		D	62610		3194.13	NGVD29	P	Z			A
1959-02-04		D	62611		3195.83	NAVD88	P	Z			A
1959-02-04		D	72019	256.87			P	Z			A
1972-09-20		D	62610		3200.53	NGVD29	1	Z			A
1972-09-20		D	62611		3202.23	NAVD88	1	Z			A
1972-09-20		D	72019	250.47			1	Z			A
1988-03-17		D	62610		3201.98	NGVD29	1	S			A
1988-03-17		D	62611		3203.68	NAVD88	1	S			A
1988-03-17		D	72019	249.02			1	S			A
2013-01-17	00:00 UTC	m	62610		3349.45	NGVD29	P	S	USGS	S	A
2013-01-17	00:00 UTC	m	62611		3351.15	NAVD88	P	S	USGS	S	A
2013-01-17	00:00 UTC	m	72019	101.55			P	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.

Section	Code	Description
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-11-26 14:20:52 EST
0.35 0.24 nadww02

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321809103481801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321809103481801 23S.31E.17.31141

Eddy County, New Mexico
Latitude 32°18'11.3", Longitude 103°48'23.4" NAD83
Land-surface elevation 3,326.00 feet above NGVD29
The depth of the well is 354 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1959-02-04		D	62610		3215.16	NGVD29	P	Z			A
1959-02-04		D	62611		3216.80	NAVD88	P	Z			A
1959-02-04		D	72019	110.84			P	Z			A
1987-10-15		D	62610		3214.80	NGVD29	1	Z			A
1987-10-15		D	62611		3216.44	NAVD88	1	Z			A
1987-10-15		D	72019	111.20			1	Z			A
1992-11-04		D	62610		3216.32	NGVD29	1	S			A
1992-11-04		D	62611		3217.96	NAVD88	1	S			A
1992-11-04		D	72019	109.68			1	S			A
2013-01-16	23:30 UTC	m	62610		3197.36	NGVD29	P	S	USGS	S	A
2013-01-16	23:30 UTC	m	62611		3199.00	NAVD88	P	S	USGS	S	A
2013-01-16	23:30 UTC	m	72019	128.64			P	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.

Section	Code	Description
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-11-26 14:22:18 EST
0.35 0.23 nadww02

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321421103464901

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321421103464901 24S.31E.04.433422

Eddy County, New Mexico
Latitude 32°14'23.7", Longitude 103°46'47.8" NAD83
Land-surface elevation 3,419.00 feet above NGVD29
The depth of the well is 627 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1959-03-13		D	62610		2994.40	NGVD29	1	Z			A
1959-03-13		D	62611		2996.11	NAVD88	1	Z			A
1959-03-13		D	72019	424.60			1	Z			A
2013-01-17	00:30 UTC	m	62610		2981.53	NGVD29	P	S	USGS	S	A
2013-01-17	00:30 UTC	m	62611		2983.24	NAVD88	P	S	USGS	S	A
2013-01-17	00:30 UTC	m	72019	437.47			P	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-11-26 14:23:14 EST
0.31 0.23 nadww01

APPENDIX C

Soil Sampling Logs

eTECH	Sample Name: BH01	Date: 02/02/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.295845N, -103.7639302	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. Vapor was not field screened as denoted with "-" below.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	<128	-	No	BH01	0.5			
Dry	<128	-	No		1	1	SP-SM	(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	<128	-	No		2	2		
						3		
Dry	<128	-	No	BH01	4	4		

Total Depth

eTECH	Sample Name: BH02	Date: 02/02/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2958152, -103.7639104	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. Vapor was not field screened as denoted with "-" below.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	340	-	No	BH02	0.5			
Dry	228	-	No		1	1	SP-SM	(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	<128	-	No		2	2		
						3		
Dry	<128	-	No	BH02	4	4		

Total Depth

eTECH	Sample Name: BH03	Date: 02/02/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2959462, -103.7640534	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. Vapor was not field screened as denoted with "-" below.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, some organic matter, no stain, no odor
Dry	<128	-	No	BH03	0.5			
Dry	<128	-	No		1	1		@ 1.5 No more organic matter
Dry	<128	-	No		2	2		
						3		
Dry	<128	-	No	BH03	4	4		

Total Depth

eTECH	Sample Name: BH04	Date: 02/02/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2961062, -103.7640573	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. Vapor was not field screened as denoted with "-" below.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, some organic matter, no stain, no odor
Dry	<128	-	No	BH04	0.5			
Dry	<128	-	No		1	1		@ 1.5 No more organic matter
Dry	<128	-	No		2	2		
						3		
Dry	<128	-	No	BH04	4	4		

Total Depth

eTECH	Sample Name: BH05	Date: 03/15/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2960256, -103.7638723	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. Vapor was not field screened as denoted with "-" below.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-2') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	<116	-	No	BH05	0.5			
Dry	<116	-	No		1	1		(2-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	<116	-	No		2	2	SP-SM	
						3		
Dry	<116	-	No	BH05	4	4		

Total Depth

eTECH	Sample Name: BH06	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2959651, -103.7638914	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, stained with odor
Dry	196	474.1	Yes	BH06	0.5			
Dry	196	7.0	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	196	0.3	No		2	2	SP-SM	
						3		
Dry	196	0.4	No	BH06	4	4		

Total Depth

eTECH	Sample Name: BH07	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2958891, -103.7639111	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, stained with odor
Dry	408	353.5	Yes	BH07	0.5			
Dry	368	53.2	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	224	1.2	No		2	2	SP-SM	
						3		
Dry	196	2.4	No	BH07	4	4		

Total Depth

eTECH	Sample Name: BH08	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2959641, -103.7640314	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	196	0.0	No	BH08	0.5			
Dry	196	0.0	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	196	4.4	No		2	2	SP-SM	
						3		
Dry	196	5.4	No	BH08	4	4		

Total Depth

eTECH	Sample Name: BH09	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2960614, -103.7640864	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	168	0.0	No	BH09	0.5			
Dry	168	0.0	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	168	0.0	No		2	2	SP-SM	
						3		
Dry	196	0.0	No	BH09	4	4		

Total Depth

eTECH	Sample Name: BH10	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2960846, -103.7639826	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	452	0.0	No	BH10	0.5			
Dry	368	0.0	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	224	0.0	No		2	2	SP-SM	
						3		
Dry	292	0.0	No	BH10	4	4		

Total Depth

eTECH	Sample Name: BH11	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2960386, -103.7639713	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	224	0.0	No	BH11	0.5			
Dry	368	0.0	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	196	0.0	No		2	2	SP-SM	
						3		
Dry	196	0.0	No	BH11	4	4		

Total Depth

APPENDIX D

Photographic Log

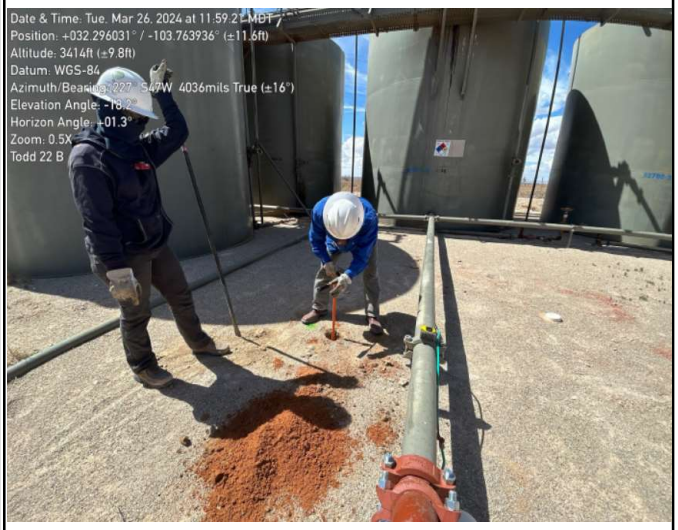
PHOTOGRAPHIC LOG
Devon Energy Production Co, LP
Todd 22 Federal #002
Incident Number nLRN0428054360



Photograph 1 **Date: 01/22/2024**
Description: Southwestern view of the AOC during initial site assessment activities.



Photograph 2 **Date: 02/02/2024**
Description: Northeastern view of delineation activities southeast of AOC.



Photograph 3 **Date: 03/26/2024**
Description: Southwestern view of continued delineation activities within the AOC.



Photograph 4 **Date: 03/26/2024**
Description: Northwestern view of continued soil sampling activities within the AOC.

APPENDIX E

Tables

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Co. LP
Todd 22 Federal #002
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples - Incident Number nLRN0428054360										
BH01	02/02/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	02/02/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	02/02/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	02/02/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH03	02/02/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH03	02/02/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH04	02/02/2024	0.5	<0.0250	0.0335	<20.0	<25.0	<50.0	<25.0	<50.0	248
BH04	02/02/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	03/14/2024	0.5	<0.0250	<0.0500	<20.0	28.9	<50.0	28.9	28.9	90.4
BH05	03/14/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	03/26/2024	0.5	0.0547	10.8	218	12,100	5,330	**12,300**	**17,600**	50.2
BH06	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	03/26/2024	0.5	<0.0250	0.975	28.8	2,800	1,100	**2,830**	**3,930**	270
BH07	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	31.5
BH08	03/26/2024	0.5	<0.0250	<0.0500	<20.0	57.3	101	57.3	158	<20.0
BH08	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09	03/26/2024	0.5	<0.0250	<0.0500	<20.0	242	264	242	506	<20.0
BH09	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	03/26/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	288
BH10	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	78.8
BH11	03/26/2024	0.5	<0.0250	<0.0500	<20.0	44.0	<50.0	44.0	44.0	23.8
BH11	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.3
Confirmation Soil Samples - Incident Number nLRN0428054360										
FS01	03/14/2024	0.25	<0.0250	0.102	<20.0	3,580	1,700	**3,580**	**5,280**	412
FS02	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,840	749	**1,840**	**2,590**	1,080
FS03	03/14/2024	0.25	<0.0250	0.0449	<20.0	127	201	127	328	460
FS04	03/14/2024	0.25	<0.0250	<0.0500	<20.0	2,520	1,880	**2,520**	**4,400**	102
FS05	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,120	546	**1,120**	1,670	<20.0
FS06	03/14/2024	0.25	<0.0250	<0.0500	<20.0	35.6	66.8	35.6	102	177
FS07	03/14/2024	0.25	<0.0250	<0.0500	<20.0	2,580	1,480	**2,580**	**4,060**	44.8

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Co. LP
Todd 22 Federal #002
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			**10**	**50**	**NE**	**NE**	**NE**	**1,000**	**2,500**	**10,000**
Confirmation Soil Samples - Incident Number nLRN0428054360										
FS08	03/14/2024	0.25	<0.0250	<0.0500	<20.0	190	111	190	301	133
FS09	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,650	702	**1,650**	2,350	170
FS10	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,510	767	**1,510**	2,280	401
FS11	03/14/2024	0.25	<0.0250	<0.0500	<20.0	76.5	190	76.5	267	<20.0
FS12	03/14/2024	0.25	<0.0250	<0.0500	<20.0	669	793	669	1,460	183
FS13	03/14/2024	0.25	<0.0250	<0.0500	<20.0	2,340	954	**2,340**	**3,290**	113
FS14	03/14/2024	0.25	<0.0250	<0.0500	<20.0	511	353	511	864	864
FS15	03/14/2024	0.25	<0.0250	<0.0500	<20.0	37.3	50.1	37.3	87.4	96.1
FS16	03/14/2024	0.25	<0.0250	<0.0500	<20.0	80.3	63.1	80.3	143	65.6
FS17	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,650	1,040	**1,650**	**2,690**	56.2
FS18	03/14/2024	0.25	<0.0250	<0.0500	<20.0	447	451	447	898	<20.0
FS19	03/14/2024	0.25	<0.0250	<0.0500	<20.0	239	166	239	405	90.3
FS20	03/14/2024	0.25	<0.0250	<0.0500	<20.0	669	481	669	1,150	1,530
FS21	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,750	1,110	**1,750**	**2,860**	89.9
FS22	03/14/2024	0.25	<0.0250	<0.0500	<20.0	2,130	1,500	**2,130**	**3,630**	100
FS23	03/14/2024	0.25	<0.0250	<0.0500	<20.0	2,860	2,180	**2,860**	**5,040**	142
FS24	03/14/2024	0.25	<0.0250	<0.0500	<20.0	901	497	901	1,400	<20.0
FS25	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,450	1,810	**1,450**	**3,260**	<20.0
FS26	03/14/2024	0.25	<0.0250	<0.0500	<20.0	471	361	471	832	1,720
FS27	03/14/2024	0.25	<0.0250	<0.0500	<20.0	3,020	1,450	**3,020**	**4,470**	654
SW01	03/26/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW02	03/26/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon

NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
Text in "grey" represents excavated soil samples
Concentrations in bold exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard[†] 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 F

Laboratory Analytical Reports & Chain-of-Custody Documentation

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

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E402063

Job Number: 01058-0007

Received: 2/6/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/13/24

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: 3/13/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E402063
Date Received: 2/6/2024 12:07:00PM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/6/2024 12:07:00PM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/13/24 15:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 0.5'	E402063-01A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.
BH01 4'	E402063-02A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

BH01 0.5'

E402063-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406069
Benzene	ND	0.0250	1	02/07/24	02/10/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/10/24	
Toluene	ND	0.0250	1	02/07/24	02/10/24	
o-Xylene	ND	0.0250	1	02/07/24	02/10/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/10/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.8 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*02/07/24*	*02/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.8 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*02/07/24*	*02/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/08/24	02/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/08/24	02/09/24	
Surrogate: n-Nonane		*97.3 %*	*50-200*	*02/08/24*	*02/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2406071
Chloride	ND	20.0	1	02/07/24	02/07/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

BH01 4'

E402063-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406069
Benzene	ND	0.0250	1	02/07/24	02/10/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/10/24	
Toluene	ND	0.0250	1	02/07/24	02/10/24	
o-Xylene	ND	0.0250	1	02/07/24	02/10/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/10/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/10/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*02/07/24*	*02/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/10/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*02/07/24*	*02/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/08/24	02/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/08/24	02/09/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*02/08/24*	*02/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2406071
Chloride	ND	20.0	1	02/07/24	02/07/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406069-BLK1)									Prepared: 02/07/24 Analyzed: 02/10/24
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	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.453*		*0.500*		*90.5*	*70-130*			
Surrogate: Toluene-d8	*0.537*		*0.500*		*107*	*70-130*			
LCS (2406069-BS1)									Prepared: 02/07/24 Analyzed: 02/10/24
Benzene	2.42	0.0250	2.50		96.7	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.49	0.0250	2.50		99.6	70-130			
o-Xylene	2.61	0.0250	2.50		104	70-130			
p,m-Xylene	5.17	0.0500	5.00		103	70-130			
Total Xylenes	7.78	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	*0.585*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.456*		*0.500*		*91.1*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			
LCS Dup (2406069-BSD1)									Prepared: 02/07/24 Analyzed: 02/10/24
Benzene	2.51	0.0250	2.50		100	70-130	3.74	23	
Ethylbenzene	2.63	0.0250	2.50		105	70-130	2.05	27	
Toluene	2.54	0.0250	2.50		102	70-130	2.01	24	
o-Xylene	2.71	0.0250	2.50		109	70-130	4.00	27	
p,m-Xylene	5.32	0.0500	5.00		106	70-130	2.74	27	
Total Xylenes	8.03	0.0250	7.50		107	70-130	3.16	27	
Surrogate: Bromofluorobenzene	*0.618*		*0.500*		*124*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*0.550*		*0.500*		*110*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406069-BLK1)									Prepared: 02/07/24 Analyzed: 02/10/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.453*		*0.500*		*90.5*	*70-130*			
Surrogate: Toluene-d8	*0.537*		*0.500*		*107*	*70-130*			
LCS (2406069-BS2)									Prepared: 02/07/24 Analyzed: 02/10/24
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	*0.569*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.450*		*0.500*		*90.0*	*70-130*			
Surrogate: Toluene-d8	*0.553*		*0.500*		*111*	*70-130*			
LCS Dup (2406069-BSD2)									Prepared: 02/07/24 Analyzed: 02/10/24
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130	1.51	20	
Surrogate: Bromofluorobenzene	*0.576*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.450*		*0.500*		*89.9*	*70-130*			
Surrogate: Toluene-d8	*0.533*		*0.500*		*107*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406077-BLK1)									Prepared: 02/08/24 Analyzed: 02/08/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.0*		*50.0*		*94.0*	*50-200*			
LCS (2406077-BS1)									Prepared: 02/08/24 Analyzed: 02/08/24
Diesel Range Organics (C10-C28)	245	25.0	250		98.1	38-132			
Surrogate: n-Nonane	*46.8*		*50.0*		*93.6*	*50-200*			
Matrix Spike (2406077-MS1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*49.3*		*50.0*		*98.6*	*50-200*			
Matrix Spike Dup (2406077-MSD1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132	0.773	20	
Surrogate: n-Nonane	*47.0*		*50.0*		*94.1*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406071-BLK1)									Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	ND	20.0							
LCS (2406071-BS1)									Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2406071-MS1)				**Source: E402067-03**					Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	314	20.0	250	65.9	99.1	80-120			
Matrix Spike Dup (2406071-MSD1)				**Source: E402067-03**					Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	315	20.0	250	65.9	99.6	80-120	0.387	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/13/24 15:18

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | **Chain of Custody** | Page __1__ of __1__

| | | |

Envirotech Analytical Laboratory

Printed: 2/7/2024 1:26:08PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/06/24 12:07	Work Order ID:	E402063
Phone:	(575) 748-0176	Date Logged In:	02/06/24 12:50	Logged In By:	Angelina Pineda
Email:		Due Date:	02/12/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E402064

Job Number: 01058-0007

Received: 2/6/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/13/24

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: 2/13/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E402064
Date Received: 2/6/2024 12:07:00PM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/6/2024 12:07:00PM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	02/13/24 14:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02 0.5'	E402064-01A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.
BH02 4'	E402064-02A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

BH02 0.5'

E402064-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	ND	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.5 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.5 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2406072
Chloride	ND	20.0	1	02/07/24	02/07/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

BH02 4'

E402064-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	ND	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.7 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.7 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*93.1 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2406072
Chloride	ND	20.0	1	02/07/24	02/07/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
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	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS1)									Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.79	0.0250	2.50		111	70-130			
Ethylbenzene	2.77	0.0250	2.50		111	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.78	0.0250	2.50		111	70-130			
p,m-Xylene	5.50	0.0500	5.00		110	70-130			
Total Xylenes	8.28	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	*0.591*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
Matrix Spike (2406070-MS1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.42	0.0250	2.50	ND	96.7	48-131			
Ethylbenzene	2.76	0.0250	2.50	ND	110	45-135			
Toluene	2.55	0.0250	2.50	ND	102	48-130			
o-Xylene	2.76	0.0250	2.50	ND	110	43-135			
p,m-Xylene	5.50	0.0500	5.00	ND	110	43-135			
Total Xylenes	8.26	0.0250	7.50	ND	110	43-135			
Surrogate: Bromofluorobenzene	*0.583*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: Toluene-d8	*0.544*		*0.500*		*109*	*70-130*			
Matrix Spike Dup (2406070-MSD1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.23	0.0250	2.50	ND	89.4	48-131	7.91	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	6.03	27	
Toluene	2.42	0.0250	2.50	ND	96.8	48-130	5.31	24	
o-Xylene	2.68	0.0250	2.50	ND	107	43-135	3.11	27	
p,m-Xylene	5.27	0.0500	5.00	ND	105	43-135	4.26	27	
Total Xylenes	7.95	0.0250	7.50	ND	106	43-135	3.87	27	
Surrogate: Bromofluorobenzene	*0.577*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.3*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS2)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	*0.556*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.456*		*0.500*		*91.2*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
Matrix Spike (2406070-MS2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	*0.574*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.4*	*70-130*			
Surrogate: Toluene-d8	*0.542*		*0.500*		*108*	*70-130*			
Matrix Spike Dup (2406070-MSD2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130	1.16	20	
Surrogate: Bromofluorobenzene	*0.578*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.441*		*0.500*		*88.1*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406099-BLK1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.4*		*50.0*		*115*	*50-200*			
LCS (2406099-BS1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	*57.6*		*50.0*		*115*	*50-200*			
Matrix Spike (2406099-MS1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	*58.3*		*50.0*		*117*	*50-200*			
Matrix Spike Dup (2406099-MSD1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132	2.46	20	
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406072-BLK1)									Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	ND	20.0							
LCS (2406072-BS1)									Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	265	20.0	250		106	90-110			
Matrix Spike (2406072-MS1)				**Source: E402064-02**					Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2406072-MSD1)				**Source: E402064-02**					Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	259	20.0	250	ND	103	80-120	0.556	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	02/13/24 14:35

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page __1__ of __1__

| | | |

Envirotech Analytical Laboratory

Printed: 2/7/2024 12:50:02PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/06/24 12:07	Work Order ID:	E402064
Phone:	(575) 748-0176	Date Logged In:	02/06/24 14:24	Logged In By:	Angelina Pineda
Email:		Due Date:	02/12/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E402065

Job Number: 01058-0007

Received: 2/6/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/18/24

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: 3/18/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E402065
Date Received: 2/6/2024 12:07:00PM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/6/2024 12:07:00PM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/18/24 09:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 0.5'	E402065-01A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.
BH03 4'	E402065-02A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

BH03 0.5'

E402065-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	ND	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406085
Chloride	ND	20.0	1	02/08/24	02/08/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

BH03 4'

E402065-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	ND	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406085
Chloride	ND	20.0	1	02/08/24	02/08/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
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	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS1)									Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.79	0.0250	2.50		111	70-130			
Ethylbenzene	2.77	0.0250	2.50		111	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.78	0.0250	2.50		111	70-130			
p,m-Xylene	5.50	0.0500	5.00		110	70-130			
Total Xylenes	8.28	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	*0.591*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
Matrix Spike (2406070-MS1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.42	0.0250	2.50	ND	96.7	48-131			
Ethylbenzene	2.76	0.0250	2.50	ND	110	45-135			
Toluene	2.55	0.0250	2.50	ND	102	48-130			
o-Xylene	2.76	0.0250	2.50	ND	110	43-135			
p,m-Xylene	5.50	0.0500	5.00	ND	110	43-135			
Total Xylenes	8.26	0.0250	7.50	ND	110	43-135			
Surrogate: Bromofluorobenzene	*0.583*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: Toluene-d8	*0.544*		*0.500*		*109*	*70-130*			
Matrix Spike Dup (2406070-MSD1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.23	0.0250	2.50	ND	89.4	48-131	7.91	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	6.03	27	
Toluene	2.42	0.0250	2.50	ND	96.8	48-130	5.31	24	
o-Xylene	2.68	0.0250	2.50	ND	107	43-135	3.11	27	
p,m-Xylene	5.27	0.0500	5.00	ND	105	43-135	4.26	27	
Total Xylenes	7.95	0.0250	7.50	ND	106	43-135	3.87	27	
Surrogate: Bromofluorobenzene	*0.577*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.3*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS2)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	*0.556*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.456*		*0.500*		*91.2*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
Matrix Spike (2406070-MS2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	*0.574*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.4*	*70-130*			
Surrogate: Toluene-d8	*0.542*		*0.500*		*108*	*70-130*			
Matrix Spike Dup (2406070-MSD2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130	1.16	20	
Surrogate: Bromofluorobenzene	*0.578*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.441*		*0.500*		*88.1*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406099-BLK1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.4*		*50.0*		*115*	*50-200*			
LCS (2406099-BS1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	*57.6*		*50.0*		*115*	*50-200*			
Matrix Spike (2406099-MS1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	*58.3*		*50.0*		*117*	*50-200*			
Matrix Spike Dup (2406099-MSD1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132	2.46	20	
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406085-BLK1)									Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	ND	20.0							
LCS (2406085-BS1)									Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2406085-MS1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	3600	200	250	3210	155	80-120			M4
Matrix Spike Dup (2406085-MSD1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	3430	200	250	3210	88.2	80-120	4.73	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/18/24 09:42

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page __1__ of __1__

| | | |

Envirotech Analytical Laboratory

Printed: 2/7/2024 1:04:01PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/06/24 12:07	Work Order ID:	E402065
Phone:	(575) 748-0176	Date Logged In:	02/06/24 14:29	Logged In By:	Angelina Pineda
Email:		Due Date:	02/12/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E402066

Job Number: 01058-0007

Received: 2/6/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/13/24

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: 3/13/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E402066
Date Received: 2/6/2024 12:07:00PM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/6/2024 12:07:00PM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/13/24 15:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 0.5'	E402066-01A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.
BH04 4'	E402066-02A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

BH04 0.5'

E402066-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	**0.0335**	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*97.9 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406085
Chloride	**248**	20.0	1	02/08/24	02/08/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

BH04 4'

E402066-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	ND	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.3 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.3 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406085
Chloride	ND	20.0	1	02/08/24	02/08/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
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	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS1)									Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.79	0.0250	2.50		111	70-130			
Ethylbenzene	2.77	0.0250	2.50		111	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.78	0.0250	2.50		111	70-130			
p,m-Xylene	5.50	0.0500	5.00		110	70-130			
Total Xylenes	8.28	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	*0.591*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
Matrix Spike (2406070-MS1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.42	0.0250	2.50	ND	96.7	48-131			
Ethylbenzene	2.76	0.0250	2.50	ND	110	45-135			
Toluene	2.55	0.0250	2.50	ND	102	48-130			
o-Xylene	2.76	0.0250	2.50	ND	110	43-135			
p,m-Xylene	5.50	0.0500	5.00	ND	110	43-135			
Total Xylenes	8.26	0.0250	7.50	ND	110	43-135			
Surrogate: Bromofluorobenzene	*0.583*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: Toluene-d8	*0.544*		*0.500*		*109*	*70-130*			
Matrix Spike Dup (2406070-MSD1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.23	0.0250	2.50	ND	89.4	48-131	7.91	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	6.03	27	
Toluene	2.42	0.0250	2.50	ND	96.8	48-130	5.31	24	
o-Xylene	2.68	0.0250	2.50	ND	107	43-135	3.11	27	
p,m-Xylene	5.27	0.0500	5.00	ND	105	43-135	4.26	27	
Total Xylenes	7.95	0.0250	7.50	ND	106	43-135	3.87	27	
Surrogate: Bromofluorobenzene	*0.577*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.3*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS2)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	*0.556*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.456*		*0.500*		*91.2*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
Matrix Spike (2406070-MS2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	*0.574*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.4*	*70-130*			
Surrogate: Toluene-d8	*0.542*		*0.500*		*108*	*70-130*			
Matrix Spike Dup (2406070-MSD2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130	1.16	20	
Surrogate: Bromofluorobenzene	*0.578*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.441*		*0.500*		*88.1*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406099-BLK1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.4*		*50.0*		*115*	*50-200*			
LCS (2406099-BS1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	*57.6*		*50.0*		*115*	*50-200*			
Matrix Spike (2406099-MS1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	*58.3*		*50.0*		*117*	*50-200*			
Matrix Spike Dup (2406099-MSD1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132	2.46	20	
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406085-BLK1)									Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	ND	20.0							
LCS (2406085-BS1)									Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2406085-MS1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	3600	200	250	3210	155	80-120			M4
Matrix Spike Dup (2406085-MSD1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	3430	200	250	3210	88.2	80-120	4.73	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/13/24 15:20

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM

Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 2/7/2024 1:13:25PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/06/24 12:07	Work Order ID:	E402066
Phone:	(575) 748-0176	Date Logged In:	02/06/24 14:37	Logged In By:	Angelina Pineda
Email:		Due Date:	02/12/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403169

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403169
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05 0.5'	E403169-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
BH05 4'	E403169-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

BH05 0.5'

E403169-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412052
Diesel Range Organics (C10-C28)	**28.9**	25.0	1	03/20/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/20/24	03/21/24	
Surrogate: n-Nonane		*90.7 %*	*50-200*	*03/20/24*	*03/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	**90.4**	20.0	1	03/19/24	03/19/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

BH05 4'

E403169-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412052
Diesel Range Organics (C10-C28)	ND	25.0	1	03/20/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/20/24	03/21/24	
Surrogate: n-Nonane		*83.8 %*	*50-200*	*03/20/24*	*03/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	ND	20.0	1	03/19/24	03/19/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412052-BLK1)									Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.3*		*50.0*		*92.6*	*50-200*			
LCS (2412052-BS1)									Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	292	25.0	250		117	38-132			
Surrogate: n-Nonane	*45.6*		*50.0*		*91.1*	*50-200*			
Matrix Spike (2412052-MS1)				**Source: E403168-01**					Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	779	125	250	471	123	38-132			
Surrogate: n-Nonane	*45.6*		*50.0*		*91.2*	*50-200*			
Matrix Spike Dup (2412052-MSD1)				**Source: E403168-01**					Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	797	125	250	471	130	38-132	2.28	20	
Surrogate: n-Nonane	*44.8*		*50.0*		*89.6*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412035-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	ND	20.0							
LCS (2412035-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	250	20.0	250		100	90-110			
LCS Dup (2412035-BSD1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	251	20.0	250		100	90-110	0.253	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:35

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 12:20:41PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403169
Phone:	(575) 748-0176	Date Logged In:	03/18/24 10:16	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403278

Job Number: 01058-0007

Received: 3/29/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/4/24

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

Date Reported: 4/4/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403278
Date Received: 3/29/2024 7:15:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/29/2024 7:15:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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labadmin@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/04/24 12:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH06 0.5'	E403278-01A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH06 4'	E403278-02A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH07 0.5'	E403278-03A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH07 4'	E403278-04A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH08 0.5'	E403278-05A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH08 4'	E403278-06A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH09 0.5'	E403278-07A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH09 4'	E403278-08A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH10 0.5'	E403278-09A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH10 4'	E403278-10A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH11 0.5'	E403278-11A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH11 4'	E403278-12A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH06 0.5'

E403278-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	**0.0547**	0.0250	1	03/29/24	04/01/24	
Ethylbenzene	**1.86**	0.0250	1	03/29/24	04/01/24	
Toluene	**1.06**	0.0250	1	03/29/24	04/01/24	
o-Xylene	**2.59**	0.0250	1	03/29/24	04/01/24	
p,m-Xylene	**5.25**	0.0500	1	03/29/24	04/01/24	
Total Xylenes	**7.84**	0.0250	1	03/29/24	04/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.6 %*	*70-130*	*03/29/24*	*04/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	**218**	20.0	1	03/29/24	04/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*123 %*	*70-130*	*03/29/24*	*04/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	**12100**	250	10	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	**5330**	500	10	04/01/24	04/02/24	
Surrogate: n-Nonane		*159 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**50.2**	20.0	1	03/29/24	03/29/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH06 4'

E403278-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.9 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/03/24	
Surrogate: n-Nonane		*79.3 %*	*50-200*	*04/01/24*	*04/03/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	ND	20.0	1	03/29/24	03/29/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH07 0.5'

E403278-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	**0.187**	0.0250	1	03/29/24	04/02/24	
Toluene	**0.0293**	0.0250	1	03/29/24	04/02/24	
o-Xylene	**0.190**	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	**0.569**	0.0500	1	03/29/24	04/02/24	
Total Xylenes	**0.759**	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	**28.8**	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	**2800**	250	10	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	**1100**	500	10	04/01/24	04/02/24	
Surrogate: n-Nonane		*88.0 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**270**	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH07 4'

E403278-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*77.8 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**31.5**	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH08 0.5'

E403278-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	**57.3**	25.0	1	04/01/24	04/03/24	
Oil Range Organics (C28-C36)	**101**	50.0	1	04/01/24	04/03/24	
Surrogate: n-Nonane		*79.5 %*	*50-200*	*04/01/24*	*04/03/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	ND	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH08 4'

E403278-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.1 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*79.5 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	ND	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH09 0.5'

E403278-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.8 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	**242**	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	**264**	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	ND	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH09 4'

E403278-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.9 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*76.9 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	ND	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH10 0.5'

E403278-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.1 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.0 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*77.8 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**288**	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH10 4'

E403278-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.8 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*78.1 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**78.8**	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH11 0.5'

E403278-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.0 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	**44.0**	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*83.1 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**23.8**	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH11 4'

E403278-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*75.4 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**40.3**	20.0	1	03/29/24	03/30/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413114-BLK1)									Prepared: 03/29/24 Analyzed: 04/01/24
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	*7.43*		*8.00*		*92.8*	*70-130*			
LCS (2413114-BS1)									Prepared: 03/29/24 Analyzed: 04/01/24
Benzene	4.66	0.0250	5.00		93.1	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130			
Toluene	4.74	0.0250	5.00		94.8	70-130			
o-Xylene	4.72	0.0250	5.00		94.3	70-130			
p,m-Xylene	9.64	0.0500	10.0		96.4	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.49*		*8.00*		*93.7*	*70-130*			
Matrix Spike (2413114-MS1)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 04/01/24
Benzene	4.56	0.0250	5.00	0.0547	90.1	54-133			
Ethylbenzene	6.43	0.0250	5.00	1.86	91.4	61-133			
Toluene	5.70	0.0250	5.00	1.06	92.7	61-130			
o-Xylene	7.13	0.0250	5.00	2.59	90.9	63-131			
p,m-Xylene	14.1	0.0500	10.0	5.25	88.3	63-131			
Total Xylenes	21.2	0.0250	15.0	7.84	89.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.39*		*8.00*		*92.4*	*70-130*			
Matrix Spike Dup (2413114-MSD1)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 04/01/24
Benzene	4.47	0.0250	5.00	0.0547	88.4	54-133	1.89	20	
Ethylbenzene	6.35	0.0250	5.00	1.86	89.7	61-133	1.34	20	
Toluene	5.62	0.0250	5.00	1.06	91.2	61-130	1.37	20	
o-Xylene	7.03	0.0250	5.00	2.59	88.8	63-131	1.43	20	
p,m-Xylene	13.9	0.0500	10.0	5.25	86.2	63-131	1.46	20	
Total Xylenes	20.9	0.0250	15.0	7.84	87.1	63-131	1.45	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.47*		*8.00*		*93.4*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413114-BLK1)									Prepared: 03/29/24 Analyzed: 04/01/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.86*		*8.00*		*98.2*	*70-130*			
LCS (2413114-BS2)									Prepared: 03/29/24 Analyzed: 04/01/24
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.79*		*8.00*		*97.4*	*70-130*			
Matrix Spike (2413114-MS2)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 04/01/24
Gasoline Range Organics (C6-C10)	277	20.0	50.0	218	119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*10.2*		*8.00*		*128*	*70-130*			
Matrix Spike Dup (2413114-MSD2)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 04/01/24
Gasoline Range Organics (C6-C10)	257	20.0	50.0	218	77.5	70-130	7.77	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.94*		*8.00*		*124*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2414004-BLK1)									Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*39.3*		*50.0*		*78.6*	*50-200*			
LCS (2414004-BS1)									Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	*40.9*		*50.0*		*81.8*	*50-200*			
Matrix Spike (2414004-MS1)				**Source: E403277-06**					Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	*39.0*		*50.0*		*78.0*	*50-200*			
Matrix Spike Dup (2414004-MSD1)				**Source: E403277-06**					Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.4	38-132	1.35	20	
Surrogate: n-Nonane	*39.3*		*50.0*		*78.6*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413125-BLK1)									Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	ND	20.0							
LCS (2413125-BS1)									Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2413125-MS1)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	317	20.0	250	50.2	107	80-120			
Matrix Spike Dup (2413125-MSD1)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	298	20.0	250	50.2	99.3	80-120	5.94	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/04/24 12:42

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 2

| | | |

Released to Imaging: 1/13/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 2 of 2

| | | |

Envirotech Analytical Laboratory

Printed: 3/29/2024 12:55:55PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/29/24 07:15	Work Order ID:	E403278
Phone:	(575) 748-0176	Date Logged In:	03/28/24 16:45	Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/04/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403155

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403155
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 0.25'	E403155-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:46:32AM

FS01 0.25'

E403155-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/19/24	
Ethylbenzene	**0.0413**	0.0250	1	03/18/24	03/19/24	
Toluene	ND	0.0250	1	03/18/24	03/19/24	
o-Xylene	ND	0.0250	1	03/18/24	03/19/24	
p,m-Xylene	**0.0602**	0.0500	1	03/18/24	03/19/24	
Total Xylenes	**0.0602**	0.0250	1	03/18/24	03/19/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*03/18/24*	*03/19/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*03/18/24*	*03/19/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**3580**	250	10	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**1700**	500	10	03/18/24	03/19/24	
Surrogate: n-Nonane		*87.6 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**412**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:46:32AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:46:32AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:46:32AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:46:32AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:46

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:16:46AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403155
Phone:	(575) 748-0176	Date Logged In:	03/18/24 08:52	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403156

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403156
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS02 0.25'	E403156-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:45:47AM

FS02 0.25'

E403156-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**1840**	50.0	2	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**749**	100	2	03/18/24	03/19/24	
Surrogate: n-Nonane		*171 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**1080**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:45:47AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:45:47AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:45:47AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:45:47AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:45

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page __1__ of __1__

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:17:07AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403156
Phone:	(575) 748-0176	Date Logged In:	03/18/24 08:59	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403157

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403157
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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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Office: 505-632-1881
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS03 0.25'	E403157-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:44:46AM

FS03 0.25'

E403157-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	**0.0449**	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	**0.0449**	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**127**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**201**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*79.2 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**460**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:44:46AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:44:46AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:44:46AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:44:46AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:44

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:17:27AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403157
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:04	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403158

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403158
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 8

QC - Anions by EPA 300.0/9056A 9

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS04 0.25'	E403158-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:43:08AM

FS04 0.25'

E403158-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**2520**	500	20	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**1880**	1000	20	03/18/24	03/19/24	
Surrogate: n-Nonane		*88.7 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**102**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:43:08AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:43:08AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:43:08AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:43:08AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:43

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:17:52AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403158
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:12	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403159

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403159
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS05 0.25'	E403159-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS06 0.25'	E403159-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS07 0.25'	E403159-03A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS08 0.25'	E403159-04A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS09 0.25'	E403159-05A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

FS05 0.25'

E403159-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.4 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**1120**	50.0	2	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**546**	100	2	03/18/24	03/19/24	
Surrogate: n-Nonane		*84.1 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	ND	20.0	1	03/20/24	03/20/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

FS06 0.25'

E403159-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**35.6**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**66.8**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*84.1 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**177**	20.0	1	03/20/24	03/20/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

FS07 0.25'

E403159-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**2580**	250	10	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**1480**	500	10	03/18/24	03/19/24	
Surrogate: n-Nonane		*87.6 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**44.8**	20.0	1	03/20/24	03/20/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

FS08 0.25'

E403159-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**190**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**111**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*82.7 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**133**	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

FS09 0.25'

E403159-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.5 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**1650**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**702**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**170**	20.0	1	03/20/24	03/21/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:41

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:18:14AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403159
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:18	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403160

Job Number: 01058-007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403160
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS10 0.25'	E403160-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:40:25AM

FS10 0.25'

E403160-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.5 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**1510**	125	5	03/18/24	03/20/24	
Oil Range Organics (C28-C36)	**767**	250	5	03/18/24	03/20/24	
Surrogate: n-Nonane		*83.6 %*	*50-200*	*03/18/24*	*03/20/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**401**	20.0	1	03/20/24	03/21/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:40:25AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:40:25AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:40:25AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:40:25AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:40

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

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Envirotech Analytical Laboratory

Printed: 3/19/2024 10:18:36AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403160
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:25	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403161

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403161
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS11 0.25'	E403161-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS12 0.25'	E403161-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS13 0.25'	E403161-03A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

FS11 0.25'

E403161-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**76.5**	50.0	2	03/18/24	03/20/24	
Oil Range Organics (C28-C36)	**190**	100	2	03/18/24	03/20/24	
Surrogate: n-Nonane		*84.7 %*	*50-200*	*03/18/24*	*03/20/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	ND	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

FS12 0.25'

E403161-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.1 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**669**	125	5	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**793**	250	5	03/18/24	03/19/24	
Surrogate: n-Nonane		*88.3 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**183**	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

FS13 0.25'

E403161-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.0 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**2340**	50.0	2	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**954**	100	2	03/18/24	03/19/24	
Surrogate: n-Nonane		*87.2 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**113**	20.0	1	03/20/24	03/21/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:39

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:18:57AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403161
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:29	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403162

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403162
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS14 0.25'	E403162-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:36:26AM

FS14 0.25'

E403162-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**511**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**353**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*87.0 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**864**	20.0	1	03/20/24	03/21/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:36:26AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:36:26AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:36:26AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:36:26AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:36

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:19:20AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403162
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:35	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403163

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403163
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS15 0.25'	E403163-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS16 0.25'	E403163-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS17 0.25'	E403163-03A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS18 0.25'	E403163-04A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS19 0.25'	E403163-05A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

FS15 0.25'

E403163-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.1 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**37.3**	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**50.1**	50.0	1	03/19/24	03/19/24	
Surrogate: n-Nonane		*84.6 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**96.1**	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

FS16 0.25'

E403163-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.7 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**80.3**	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**63.1**	50.0	1	03/19/24	03/19/24	
Surrogate: n-Nonane		*89.1 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**65.6**	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

FS17 0.25'

E403163-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**1650**	125	5	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**1040**	250	5	03/19/24	03/19/24	
Surrogate: n-Nonane		*81.2 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**56.2**	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

FS18 0.25'

E403163-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.7 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**447**	50.0	2	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**451**	100	2	03/19/24	03/19/24	
Surrogate: n-Nonane		*85.5 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	ND	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

FS19 0.25'

E403163-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**239**	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**166**	50.0	1	03/19/24	03/19/24	
Surrogate: n-Nonane		*86.3 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**90.3**	20.0	1	03/20/24	03/21/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412027-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.9*		*50.0*		*87.8*	*50-200*			
LCS (2412027-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	*41.9*		*50.0*		*83.7*	*50-200*			
Matrix Spike (2412027-MS1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	550	50.0	250	447	41.4	38-132			
Surrogate: n-Nonane	*42.5*		*50.0*		*85.1*	*50-200*			
Matrix Spike Dup (2412027-MSD1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	553	50.0	250	447	42.6	38-132	0.539	20	
Surrogate: n-Nonane	*43.2*		*50.0*		*86.4*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:43

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

Client: Devon Energy Production Co LP	Bill To	Lab Use Only	TAT				EPA Program	
Project: Todd 22 B Fed 2	Attention: Jim Raley	Lab WO# E403163	Job Number 01053-0007	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Gilbert Moreno	Address: 5315 Buena Vista Dr.						5 day TAT		
Address: 13000 W County Rd 100	City, State, Zip: Carlsbad, NM, 88220	Analysis and Method							RCRA
City, State, Zip_Odessa,TX, 79765	Phone: 575-885-7502							State	
Phone: 432-305-6414	Email: jim.raley@dvn.com							NM CO UT AZ TX	
Email: Devon-team@etechenv.com	WO: 1061476201 – NM PERMIAN ABANDON							x	
	Incident ID: nLRN0428054360								
Collected by: Edyte Konan									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
11:20	03.14.24	S	1	FS15	1	0.25'								X				
11:30	03.14.24	S	1	FS16	2	0.25'								X				
11:40	03.14.24	S	1	FS17	3	0.25'								X				
11:50	03.14.24	S	1	FS18	4	0.25'								X				
12:00	03.14.24	S	1	FS19	5	0.25'								X				

03/15/2024

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	03/15/2024	09:00		3-15-24	0900
	3-15-24	1300		3.15.24	1700
	3-15-24	2400		3/18/24	0830

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:19:40AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403163
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:39	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403164

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403164
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS20 0.25'	E403164-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:40:14PM

FS20 0.25'

E403164-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**669**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**481**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*87.7 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412058
Chloride	**1530**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:40:14PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:40:14PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:40:14PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:40:14PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412058-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412058-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2412058-MS1)				**Source: E403179-01**					Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	270	20.0	250	22.5	98.8	80-120			
Matrix Spike Dup (2412058-MSD1)				**Source: E403179-01**					Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	271	20.0	250	22.5	99.2	80-120	0.395	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:40

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page __1__ of __1__

Client: Devon Energy Production Co LP	
Project: Todd 22 B Fed 2	
Project Manager: Gilbert Moreno	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: 432-305-6414	
Email: Devon-team@etechenv.com	
Collected by: Edyte Konan	

Bill To	Lab Use Only		TAT				EPA Program	
Attention: Jim Raley	Lab WO# E403164	Job Number 01058-0007	1D	2D	3D	Standard	CWA	SDWA
Address: 5315 Buena Vista Dr.						5 day TAT		
City, State, Zip: Carlsbad, NM, 88220	Analysis and Method							RCRA
Phone: 575-885-7502								
Email: jim.raley@dvn.com							State	
WO: 1061476201 – NM PERMIAN ABANDON							NM CO UT AZ TX	
Incident ID: nLRN0428054360							x	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
12:10	03.14.24	S	1	FS20	1	0.25'						X		

03/15/2024

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	03.15.24	09:00	03/15/2024 [signature]	3-15-24	0900
[signature]	3.15.24	1300	[signature]	3.15.24	1700
[signature]	3.15.24	2400	[signature]	3/18/24	0830

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

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

envirotech

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:19:59AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403164
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:46	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403165

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403165
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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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QC - Nonhalogenated Organics by EPA 8015D - GRO 7

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 8

QC - Anions by EPA 300.0/9056A 9

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Chain of Custody etc. 11

Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS21 0.25'	E403165-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:39:24PM

FS21 0.25'

E403165-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**1750**	125	5	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**1110**	250	5	03/18/24	03/19/24	
Surrogate: n-Nonane		*88.9 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412058
Chloride	**89.9**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:39:24PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:39:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:39:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:39:24PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412058-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412058-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2412058-MS1)				**Source: E403179-01**					Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	270	20.0	250	22.5	98.8	80-120			
Matrix Spike Dup (2412058-MSD1)				**Source: E403179-01**					Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	271	20.0	250	22.5	99.2	80-120	0.395	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:39

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:20:23AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403165
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:50	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403166

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403166
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS22 0.25'	E403166-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS23 0.25'	E403166-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

FS22 0.25'

E403166-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.9 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**2130**	125	5	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**1500**	250	5	03/19/24	03/19/24	
Surrogate: n-Nonane		*86.9 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	**100**	20.0	1	03/19/24	03/19/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

FS23 0.25'

E403166-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**2860**	250	10	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**2180**	500	10	03/19/24	03/19/24	
Surrogate: n-Nonane		*90.9 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	**142**	20.0	1	03/19/24	03/19/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412027-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.9*		*50.0*		*87.8*	*50-200*			
LCS (2412027-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	*41.9*		*50.0*		*83.7*	*50-200*			
Matrix Spike (2412027-MS1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	550	50.0	250	447	41.4	38-132			
Surrogate: n-Nonane	*42.5*		*50.0*		*85.1*	*50-200*			
Matrix Spike Dup (2412027-MSD1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	553	50.0	250	447	42.6	38-132	0.539	20	
Surrogate: n-Nonane	*43.2*		*50.0*		*86.4*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412035-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	ND	20.0							
LCS (2412035-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	250	20.0	250		100	90-110			
LCS Dup (2412035-BSD1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	251	20.0	250		100	90-110	0.253	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:38

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

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Envirotech Analytical Laboratory

Printed: 3/19/2024 12:19:19PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403166
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:56	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403167

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403167
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS24 0.25'	E403167-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS25 0.25'	E403167-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

FS24 0.25'

E403167-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**901**	50.0	2	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	**497**	100	2	03/19/24	03/20/24	
Surrogate: n-Nonane		*91.2 %*	*50-200*	*03/19/24*	*03/20/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	ND	20.0	1	03/19/24	03/19/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

FS25 0.25'

E403167-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**1450**	250	10	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	**1810**	500	10	03/19/24	03/20/24	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*03/19/24*	*03/20/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	ND	20.0	1	03/19/24	03/19/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412027-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.9*		*50.0*		*87.8*	*50-200*			
LCS (2412027-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	*41.9*		*50.0*		*83.7*	*50-200*			
Matrix Spike (2412027-MS1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	550	50.0	250	447	41.4	38-132			
Surrogate: n-Nonane	*42.5*		*50.0*		*85.1*	*50-200*			
Matrix Spike Dup (2412027-MSD1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	553	50.0	250	447	42.6	38-132	0.539	20	
Surrogate: n-Nonane	*43.2*		*50.0*		*86.4*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412035-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	ND	20.0							
LCS (2412035-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	250	20.0	250		100	90-110			
LCS Dup (2412035-BSD1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	251	20.0	250		100	90-110	0.253	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:37

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 12:19:48PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403167
Phone:	(575) 748-0176	Date Logged In:	03/18/24 10:01	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403168

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403168
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS26 0.25'	E403168-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS27 0.25'	E403168-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

FS26 0.25'

E403168-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.5 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412052
Diesel Range Organics (C10-C28)	**471**	125	5	03/20/24	03/21/24	
Oil Range Organics (C28-C36)	**361**	250	5	03/20/24	03/21/24	
Surrogate: n-Nonane		*91.3 %*	*50-200*	*03/20/24*	*03/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	**1720**	20.0	1	03/19/24	03/19/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

FS27 0.25'

E403168-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412052
Diesel Range Organics (C10-C28)	**3020**	250	10	03/20/24	03/21/24	
Oil Range Organics (C28-C36)	**1450**	500	10	03/20/24	03/21/24	
Surrogate: n-Nonane		*98.1 %*	*50-200*	*03/20/24*	*03/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	**654**	20.0	1	03/19/24	03/19/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412052-BLK1)									Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.3*		*50.0*		*92.6*	*50-200*			
LCS (2412052-BS1)									Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	292	25.0	250		117	38-132			
Surrogate: n-Nonane	*45.6*		*50.0*		*91.1*	*50-200*			
Matrix Spike (2412052-MS1)				**Source: E403168-01**					Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	779	125	250	471	123	38-132			
Surrogate: n-Nonane	*45.6*		*50.0*		*91.2*	*50-200*			
Matrix Spike Dup (2412052-MSD1)				**Source: E403168-01**					Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	797	125	250	471	130	38-132	2.28	20	
Surrogate: n-Nonane	*44.8*		*50.0*		*89.6*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412035-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	ND	20.0							
LCS (2412035-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	250	20.0	250		100	90-110			
LCS Dup (2412035-BSD1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	251	20.0	250		100	90-110	0.253	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:36

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 12:20:14PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403168
Phone:	(575) 748-0176	Date Logged In:	03/18/24 10:13	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403283

Job Number: 01058-0007

Received: 3/29/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/4/24

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

Date Reported: 4/4/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403283
Date Received: 3/29/2024 7:15:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/29/2024 7:15:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 9

QC - Anions by EPA 300.0/9056A 10

Definitions and Notes 11

Chain of Custody etc. 12

Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/04/24 13:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 0 -0.25'	E403283-01A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
SW02 0 -0.25'	E403283-02A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

SW01 0 -0.25'

E403283-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2413120
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2413120
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*78.8 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413126
Chloride	ND	20.0	1	03/29/24	03/29/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

SW02 0 -0.25'

E403283-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2413120
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2413120
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*79.2 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413126
Chloride	ND	20.0	1	03/29/24	03/29/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413120-BLK1)									Prepared: 03/29/24 Analyzed: 04/02/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.70*		*8.00*		*96.3*	*70-130*			
LCS (2413120-BS1)									Prepared: 03/29/24 Analyzed: 04/02/24
Benzene	4.73	0.0250	5.00		94.6	70-130			
Ethylbenzene	4.59	0.0250	5.00		91.8	70-130			
Toluene	4.72	0.0250	5.00		94.3	70-130			
o-Xylene	4.66	0.0250	5.00		93.2	70-130			
p,m-Xylene	9.41	0.0500	10.0		94.1	70-130			
Total Xylenes	14.1	0.0250	15.0		93.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*97.0*	*70-130*			
Matrix Spike (2413120-MS1)				**Source: E403275-11**					Prepared: 03/29/24 Analyzed: 04/02/24
Benzene	5.33	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.16	0.0250	5.00	ND	103	61-133			
Toluene	5.32	0.0250	5.00	ND	106	61-130			
o-Xylene	5.26	0.0250	5.00	ND	105	63-131			
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131			
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.68*		*8.00*		*96.0*	*70-130*			
Matrix Spike Dup (2413120-MSD1)				**Source: E403275-11**					Prepared: 03/29/24 Analyzed: 04/02/24
Benzene	5.24	0.0250	5.00	ND	105	54-133	1.73	20	
Ethylbenzene	5.07	0.0250	5.00	ND	101	61-133	1.81	20	
Toluene	5.22	0.0250	5.00	ND	104	61-130	1.94	20	
o-Xylene	5.15	0.0250	5.00	ND	103	63-131	2.08	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	1.79	20	
Total Xylenes	15.5	0.0250	15.0	ND	103	63-131	1.89	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.66*		*8.00*		*95.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413120-BLK1)									Prepared: 03/29/24 Analyzed: 04/02/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*8.00*		*91.5*	*70-130*			
LCS (2413120-BS2)									Prepared: 03/29/24 Analyzed: 04/02/24
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.2*	*70-130*			
Matrix Spike (2413120-MS2)				**Source: E403275-11**					Prepared: 03/29/24 Analyzed: 04/02/24
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.39*		*8.00*		*92.3*	*70-130*			
Matrix Spike Dup (2413120-MSD2)				**Source: E403275-11**					Prepared: 03/29/24 Analyzed: 04/02/24
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.3	70-130	5.30	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.6*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2414004-BLK1)									Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*39.3*		*50.0*		*78.6*	*50-200*			
LCS (2414004-BS1)									Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	*40.9*		*50.0*		*81.8*	*50-200*			
Matrix Spike (2414004-MS1)				**Source: E403277-06**					Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	*39.0*		*50.0*		*78.0*	*50-200*			
Matrix Spike Dup (2414004-MSD1)				**Source: E403277-06**					Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.4	38-132	1.35	20	
Surrogate: n-Nonane	*39.3*		*50.0*		*78.6*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413126-BLK1)									Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	ND	20.0							
LCS (2413126-BS1)									Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2413126-MS1)				**Source: E403279-05**					Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	647	20.0	250	319	131	80-120			M1
Matrix Spike Dup (2413126-MSD1)				**Source: E403279-05**					Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	634	20.0	250	319	126	80-120	2.03	20	M1

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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/04/24 13:32

M1	Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

Client: Devon Energy Production Co LP	**Bill To**	Lab Use Only
Project: Todd 22 B Fed 2	Attention: Jim Raley	Lab WO# E403283
Project Manager: Gilbert Moreno	Address: 5315 Buena Vista Dr.	Job Number 01058-0007
Address: 13000 W County Rd 100	City, State, Zip: Carlsbad, NM, 88220	
City, State, Zip_Odessa,TX, 79765	Phone: 575-885-7502	
Phone: 432-305-6414	Email: jim.raley@dvn.com	
Email: Devon-team@etechenv.com	WO: 1061476201 – NM PERMIAN ABANDON	
	Incident ID: nLRN0428054360	
Collected by: Edyte Konan		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			5 day TAT		
					RCRA

State: NM x | CO | UT | AZ | TX |

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
14:00	03.26.24	S	1	SW01	1	0-0.25'								X				
14:10	03.26.24	S	1	SW02	2	0-0.25'								X				

03/28/2024

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	03/28/24	0780	[signature]	3-28-24	0700
[signature]	3-2824	1700	[signature]	3.28.24	1915
[signature]	3.28.24	2400	[signature]	3/29/24	0715

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 3/29/2024 2:17:45PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/29/24 07:15	Work Order ID:	E403283
Phone:	(575) 748-0176	Date Logged In:	03/29/24 09:26	Logged In By:	Angelina Pineda
Email:	Devon-team@etechenv.com	Due Date:	04/04/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

envirotech Inc.

APPENDIX G

Correspondence & Notifications

Erick Herrera

From: Raley, Jim <Jim.Raley@dvn.com>
Sent: Friday, December 6, 2024 12:15 PM
To: Devon-Team
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 408155

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, December 6, 2024 7:50 AM
To: Raley, Jim <Jim.Raley@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 408155

To whom it may concern (c/o James Raley for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nLRN0428054360,
for the following reasons:

- **This application has been rejected because the C-141 is incomplete. The submitted application indicates a conflict between the questions answered and the attachments that have been submitted. For example, the groundwater depth question was answered 101' - 500' while the attachment indicates the groundwater estimate is greater than 55'. Please review the December 1, 2023 Public Notice titled "Implementation of Digital C-141 and New Incident Statuses" found on the EMNRD website. Review your C-141 submission and submit a new C-141 answering the appropriate questions for your circumstance.**
- **Report states WPX Energy Permian, LLC and Devon are the operators. Records indicate the well has only been operated by Devon. The well was plugged in 2016 with the tank battery being owned by Harvard Petroleum in 2022. Submit a corrected SCRP with the appropriate operator and plans to remediate with current operator of the tank battery before January 15, 2025.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 408155.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Crystal Walker
505-584-2334
Crystal.Walker@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any

attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

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
District IV
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 308784

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 308784
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nLRN0428054360**
Incident Name	**NLRN0428054360 TODD 22 B FEDERAL #002 @ 30-015-32203**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-32203] TODD 22 B FEDERAL #002**

Location of Release Source	
Site Name	**TODD 22 B FEDERAL #002**
Date Release Discovered	**09/20/2004**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	5,136
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/02/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414
Please provide any information necessary for navigation to sampling site	From the intersection of Jal Hwy 129/Red Rd turn east on Red Rd for approx 2.27 miles, turn east approx 1.57 miles to reach the Todd 22 Federal #002 wellpad on the right.

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
District IV
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 308784

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 308784
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/29/2024

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
District IV
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 325099

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 325099
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nLRN0428054360**
Incident Name	**NLRN0428054360 TODD 22 B FEDERAL #002 @ 30-015-32203**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-32203] TODD 22 B FEDERAL #002**

Location of Release Source	
Site Name	**TODD 22 B FEDERAL #002**
Date Release Discovered	**09/20/2004**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	5,136
What is the estimated number of samples that will be gathered	28
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/14/2024
Time sampling will commence	08:30 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Jal Hwy 129/Red Rd turn east on Red Rd for approx 2.27 miles, turn east approx 1.57 miles to reach the Todd 22 Federal #002 wellpad on the right.

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
District IV
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

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 325099
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/20/2024

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

QUESTIONS

Action 325091

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 325091
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nLRN0428054360**
Incident Name	**NLRN0428054360 TODD 22 B FEDERAL #002 @ 30-015-32203**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-32203] TODD 22 B FEDERAL #002**

Location of Release Source	
Site Name	**TODD 22 B FEDERAL #002**
Date Release Discovered	**09/20/2004**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	5,136
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/26/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Jal Hwy 129/Red Rd turn east on Red Rd for approx 2.27 miles, turn east approx 1.57 miles to reach the Todd 22 Federal #002 wellpad on the right.

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
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1220 S. St Francis Dr., Santa Fe, NM 87505
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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 325091

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 325091
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/20/2024

Abe Valladares

From: Erick Herrera
Sent: Wednesday, March 20, 2024 12:17 PM
To: OCD.Enviro@emnrd.nm.gov; blm_nm_cfo_spill@blm.gov
Cc: Raley, Jim; Devon-Team
Subject: (Devon Site Sampling Notification) Todd 22 B Federal #002 (nLRN0428054360) 9/20/04

Etech on behalf of Devon anticipates conducting soil sampling activities at the following site on March 26th, 2024:
Site Name: Todd 22 B Federal #002
Proposed Timeframe: 0830 – 1700 hrs.
Incident Number: nLRN0428054360
API: 30-015-32203
Below is the following information that will be added in the NMOCD portal website:

Sampling surface area:	5,136 sqft**.**
Estimated number of samples that will be gathered:	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	3/26/2024
Time sampling will commence:	0830 am
Contact information:	Please contact Gilbert Moreno at 432-305-6414 with any questions
Navigation to sampling site:	From the intersection of Jal Hwy 129/Red Rd turn east on Red Rd for approx 2.27 miles, turn east approx 1.57 miles to reach the Todd 22 Federal #002 wellpad on the right.

Thanks,

Erick Herrera
Staff Geologist

eTECH Environmental & Safety Solutions, Inc.

Work: (432) 305-6416
Cell: (281) 777-4152

APPENDIX H

Archived Reports

Environmental & Safety Solutions, Inc.

SITE CHARACTERIZATION AND REMEDIATION PLAN

Prepared For:

Devon Energy Production Co. LP

5315 Buena Vista Dr.

Carlsbad, NM 88220

Site Information:

Todd 22 B Federal #002

Incident Number nLRN0428054360

Unit B, Section 22, Township 23 South, Range 31 East

Eddy County, New Mexico

(32.2957573°, -103.7635422°)

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

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Devon Energy Production Co. LP (Devon), presents the following Site Characterization and Remediation Plan (SCRP) detailing soil sampling activities associated with an inadvertent release of produced water and crude oil at the Todd 22 B Federal #002 (Site) and requesting a variance to use a well outside of the accepted ½-mile Site radius to estimate groundwater depth at the Site based on supporting regional groundwater data. Based on laboratory analytical results from soil sampling activities at the Site, Devon proposes this SCRP, which summarizes initial response efforts and details remediation objectives to rectify environmental impacts.

SITE LOCATION AND RELEASE BACKGROUND

The production well (API 30-015-32203) for this Site is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM). The subject release is located northwest of the production well at the tank battery containment, which is depicted on **Figure 1** in **Appendix A**.

On September 20, 2004, it was discovered that a storage tank failure resulted in the release of approximately 446 barrels (bbls) of produced water and 4 bbls of crude oil within an earthen bermed tank battery containment. A vacuum truck was dispatched to the Site and recovered approximately 426 bbls of produced water and 2 bbls of crude oil. Devon notified the New Mexico Conservation Division (NMOCD) immediately via email on the same day as release discovery. The incident was reported on a Release Notification and Corrective Action Form (Form C-141) on September 24, 2024, and was subsequently assigned Incident Number nLRN0428054360.

On January 22, 2024, Etech conducted a site assessment to confirm details of the release as reported on the Form C-141. Based on visual observations and information detailed on the Form C-141, the extent of the release was mapped with a handheld Global Positioning System (GPS) unit, hereafter referred to as the Area of Concern (AOC), which is depicted on **Figure 2** in **Appendix A**.

SITE CHARACTERIZATION VARIANCE 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
- A 100-year floodplain.

An initial desktop review referencing the *NMOCD Oil and Gas Map* and/or the *USGS National Water Information System: Mapper* indicated a New Mexico Office of the State Engineer (NMOSE) permitted soil boring was drilled by Vision Resources for Harvard Petroleum Company on March 9, 2023, located approximately 0.7 miles northeast of the Site (**Figure 1A** in **Appendix A**). The boring was assigned

NMOSE file number C-04712-POD4. Using a truck mounted drill rig equipped with air rotary, the soil boring was advanced to a total depth of 55 feet below ground surface (bgs). No fluids were observed throughout the drilling process. Following the observation period, the boring was plugged and abandoned per the appropriate NMOSE regulations. The boring log and plugging record are provided in **Appendix B**.

Based on recent (defined by less than 25 years ago from the current year) depth to groundwater measurements of multiple wells and/or soil borings located within approximately 5 miles surrounding the Site (**Figure 1A** in **Appendix A**), groundwater depth is estimated to be greater than 100 feet bgs.

The next closest permitted boring with recent depth to groundwater data is NMOSE permitted boring C-04709-POD1, located approximately 1 mile northwest of the Site. The boring was advanced to a total depth of 55 feet bgs on April 18, 2023. No fluids were observed through the drilling process, or after the 72-hr observation period. The next closest available depth to groundwater data was measured from NMOSE permitted boring C-04774-POD1, located 1.3 miles east of the Site. The boring was advanced to a total depth of 105 feet bgs on December 17, 2023. No fluids were observed through the drilling process, or after the 72-hr observation period. Based on the desktop well review, a total of 24 recent borings including USGS wells, were utilized to estimate depth to groundwater for the Site within a 5-mile radius. The findings indicate that none of these borings show a depth to groundwater of less than 55 feet bgs. Please note that there are more borings within the designated 5-mile radius, but only the wells and/or borings with depth to groundwater data collected within the past 25 years are referenced as “recent” borings.

Wells and/or soil borings with recent depth to groundwater data supporting a regional depth to groundwater greater than 100 feet bgs exist within the same 5-mile radius of the Site. However, Devon proposes to conservatively estimate depth to water at the Site to be between 51 feet and 100 feet bgs, based on the nearest and shallowest recent available depth to groundwater data. All referenced boring and/or well records are included in **Appendix B**.

The Site is located within a low karst potential area and all other potential receptors are not within the established buffers defined in NMAC 19.15.29.12.

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

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

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

Receptor details and sources used to determine the site characterization are included in **Figure 1A**, **Figure 1B**, and **Figure 1C** in **Appendix A**.

DELINEATION SOIL SAMPLING ACTIVITIES

From February 2, 2024, to March 26, 2024, Etech conducted delineation activities to assess the vertical and lateral extents of residual impacts associated with the AOC. Eleven delineation potholes (PH01 through PH11) were advanced to 4 feet bgs within and surrounding the AOC. Delineation was driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Two soil samples were collected for laboratory analysis per delineation soil sampling location, representing the highest observed field screening concentration(s) and the terminus depth. Field screening results and soil descriptions are detailed on Soil Sampling Logs included in **Appendix C**. Photographic documentation of excavation activities is included in **Appendix D**.

The delineation soil samples were placed 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. in Farmington, New Mexico, for analysis of the COCs. The delineation soil sample locations are shown in **Figure 2** in **Appendix A**.

DELINEATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all delineation soil samples indicated BTEX and chloride concentrations were below the Site Closure Criteria.

Laboratory analytical results for delineation soil samples BH06 and BH07, collected within the AOC, indicated TPH concentrations exceeded the Site Closure Criteria at 0.5-foot bgs. Laboratory analytical results for the remainder of the delineation soil samples indicated TPH concentrations were below the Site Closure Criteria.

Concentrations of residual TPH soil impacts are characterized by concentrations ranging from 3,930 mg/kg to 17,600 mg/kg within the top 0.5-foot bgs. The terminus soil sample from each delineation soil sampling location yielded concentrations of COCs below the Site Closure Criteria.

Laboratory analytical results are summarized in **Table 1** included in **Appendix E**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix F**.

CONFIRMATION SOIL SAMPLING ACTIVITIES

On March 14 and 26, 2024, Etech collected 5-point composite confirmation soil samples from the AOC footprint (FS01 through FS27) and edge boundaries (SW01 and SW02), representing no more than 200 square feet per composite soil sample. Soil was field screening soil for VOCs and chloride as previously described. The 5-point composite soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. The samples were then handled and analyzed as previously described. The confirmation soil sample locations are shown in **Figure 3** in **Appendix A**. Photographic documentation of confirmation soil sampling activities is included in **Appendix D**.

CONFIRMATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for the confirmation soil samples indicated BTEX and chloride concentrations were below the Site Closure Criteria.

Laboratory analytical results indicated TPH concentrations exceeded the Site Closure Criteria for approximately half of the confirmation soil samples collected from the AOC footprint. The remainder of the confirmation soil samples, including SW01 and SW02, indicated TPH concentrations were below the Site Closure Criteria.

Laboratory analytical results are summarized in **Table 1** included in **Appendix E**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix F**.

REMEDIATION PLAN

Based on delineation and confirmation excavation soil sample analytical results, the following conclusions regarding the release are presented:

- Residual soil impacts, defined by Site Closure Criteria, appear to be contained within the top 0.5-foot bgs and have been sufficiently vertically and horizontally delineated.
- Regional groundwater data suggests groundwater depth at the Site is greater than 100 feet bgs, based on data from multiple borings and/or groundwater wells surrounding the Site. The closest permitted boring, located approximately 0.7 miles northeast of the Site, was reported dry up to 55 feet bgs.

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

- Excavation (s) required for removal of identified soil impacts will be advanced laterally and vertically until confirmation soil sample results from the floor and sidewalls of the excavation meet the Site Closure Criteria, unless advancement is inhibited by existing, active infrastructure. In which case, Devon may implement encroachment requirements for the health and safety of on-site personnel and for the structural integrity of active infrastructure. Such restrictions include but are not limited to leaving soil in place beneath and/or directly adjacent to said infrastructure within an area reasonably being used for production purposes.
- Following completion of an excavation, 5-point composite confirmation soil samples will be collected from the excavation floor and sidewalls. Confirmation soil samples will be collected, handled, and analyzed for COCs by an accredited laboratory as previously described.
- The closest depth to groundwater data for determining the proposed Site Closure Criteria is a dry boring located approximately 0.7 miles, which is 0.2 miles (1,056 feet) outside the NMOCD accepted buffer for depth to groundwater determination for Site Characterization. If a boring were to be advanced within the 0.5 mile of the Site, depth to groundwater is anticipated to be greater than 55 feet bgs based on all supporting regional depth to groundwater data. Scheduling such a soil boring would drastically increase the timeline to complete the project due to limited availability of drillers in addition to permitting and approval processes required to advance a boring. Furthermore, the Site is located in a designated low karst potential, which likely reduces the chance of unexpected or sudden changes in depth to groundwater and results in a more predictable depth to groundwater following surface topography. The release is located on pad within an earthen berm, and any impacts identified over the reclamation standard within the top 4 feet bgs will be addressed during reclamation activities as to promote vegetative growth. As such, Devon believes that the proposed variance to accept NMOSE permitted boring C-04712-POD4 and regional groundwater data for the affiliated Site Closure Criteria is equally protective of groundwater, public health, and the environment.
- Upon notification of acceptance of this variance and SCRP by the NMOCD and BLM, Devon will initiate remediation activities within 90 days. However, if the NMOCD and/or the BLM does not accept the proposed variance, Devon will schedule a drill rig to verify depth to groundwater at the Site. A soil boring will be advanced up to 101 feet bgs or until groundwater is reached, whichever occurs first, within ½-mile of the Site to determine depth to groundwater at the Site. The boring will be left open for a minimum 72-hour observation period to allow groundwater to equilibrize if present. Following the observation period, depth to groundwater and/or the dry soil boring depth will be measured with an interface probe and recorded on a soil boring log to be submitted with the Plugging Record to NMOSE. Upon determining the depth to groundwater and consideration of the desktop review presented in this SCRP, Devon proposes to update the Site Closure Criteria according to Table I in NMAC 19.15.29.12 and submit the well record to the NMOCD via email for

review and approval. Drilling permits will be prepared to advance a soil boring, which includes but is not limited to:

- BLM land access permitting preparation, review and approval,
- Cultural and/or Biological Surveys and review,
- Coordination and scheduling to retain a drill rig, and
- Approval of drilling permit(s) by New Mexico Office of the State Engineer (NMOSE).

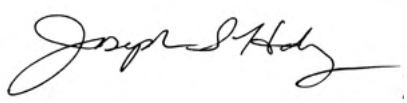
- As such, the Site will be remediated via dig and haul method according to the appropriate Site Closure Criteria, which is to be determined pending the NMOCD review of the proposed variance.

If you have any questions or comments, please do not hesitate to contact Joseph Hernandez at (432) 305-6413 or joseph@etechenv.com or Anna Byers at (432) 305-6415 or anna@etechenv.com. **Appendix G** provides correspondence and/or email notification receipts associated with the subject release.

Sincerely,
Etech Environmental and Safety Solutions, Inc.



Anna Byers
Senior Geologist



Joseph S. Hernandez
Senior Managing Geologist

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

Appendices:

Appendix A: Figure 1: Site Map
Figure 1A: Site Characterization Map – Groundwater
Figure 1B: Site Characterization Map – Surficial Receptors
Figure 1C: Site Characterization Map – Subsurface Receptors
Figure 2: Delineation Soil Sample Locations
Figure 3: Confirmation Soil Sample Locations

Appendix B: Referenced Well Records

Appendix C: Soil Sampling Logs

Appendix D: Photographic Log

Appendix E: Tables

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

Appendix G: Correspondence & Notifications

APPENDIX A

Figures



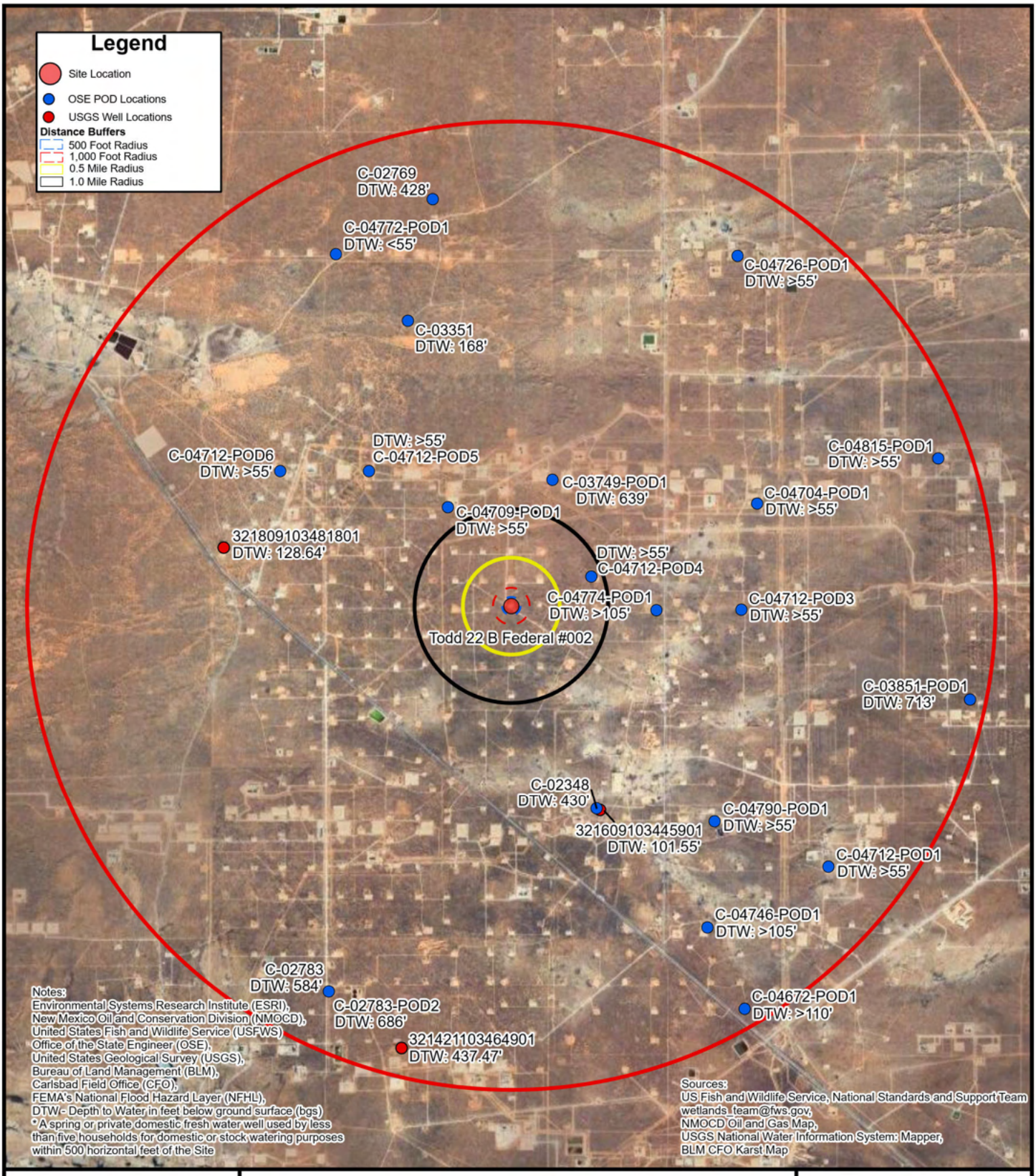
FIGURE 1

Site Location Map

Devon Energy Production Co, LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico

N

0 2,000 4,000 Feet



eTECH

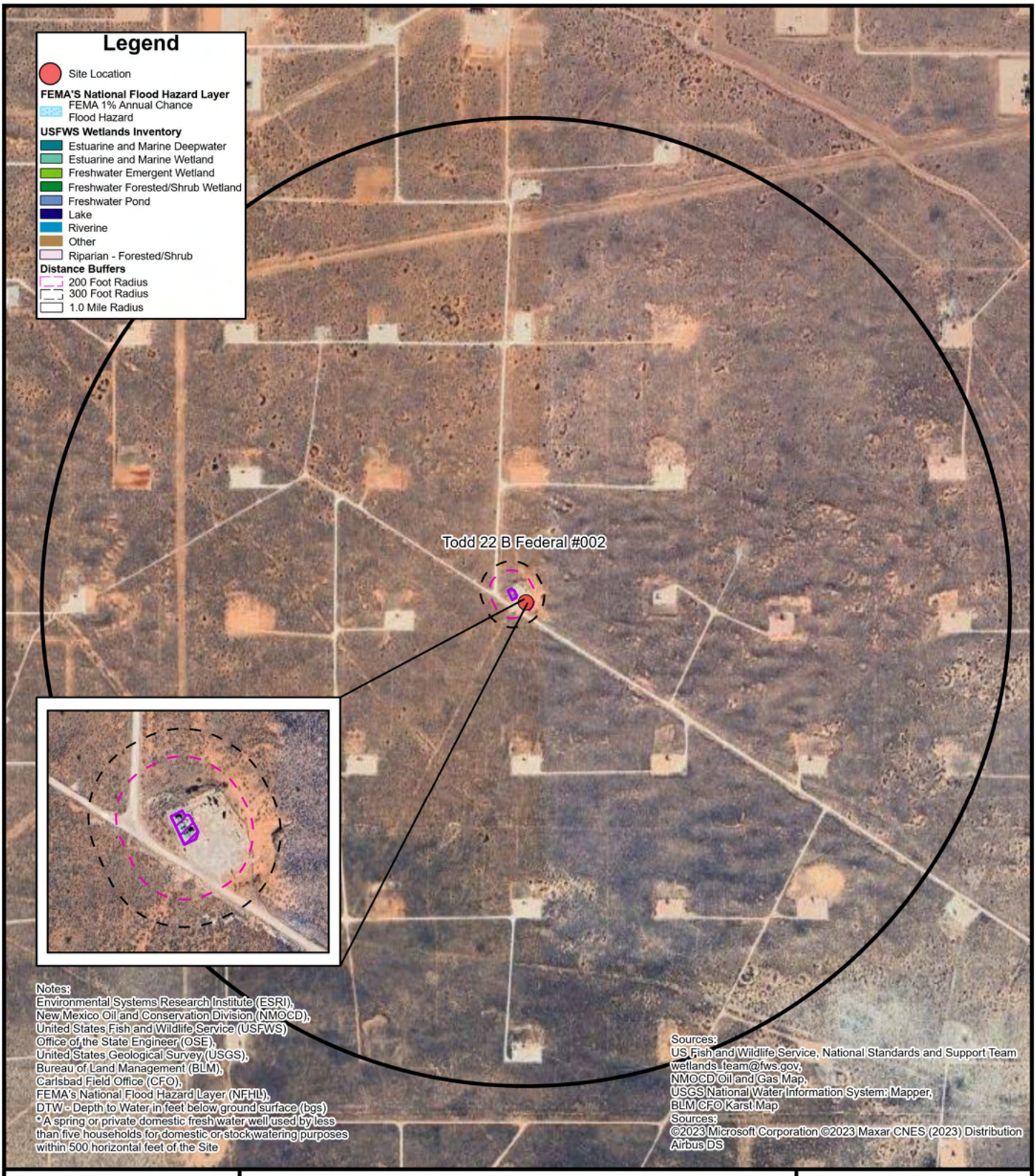
FIGURE 1A

Site Characterization Map
Groundwater

Devon Energy Production Co, LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico

N

0 4,000 8,000 Feet



eTECH

FIGURE 1B

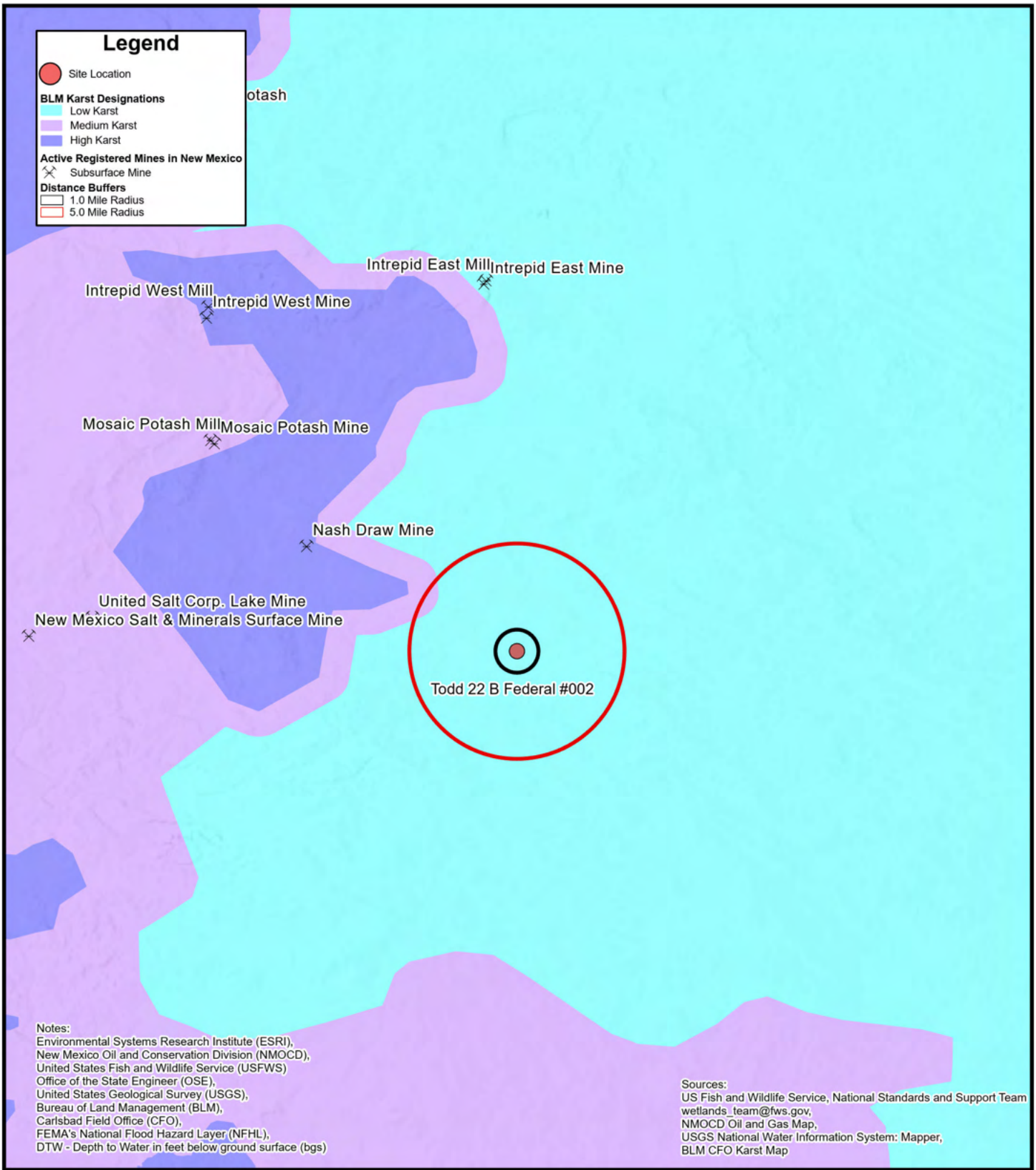
Site Characterization Map

Surficial Receptors

Devon Energy Production Co, LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico

N

0 500 1,000 Feet



eTECH

FIGURE 1C

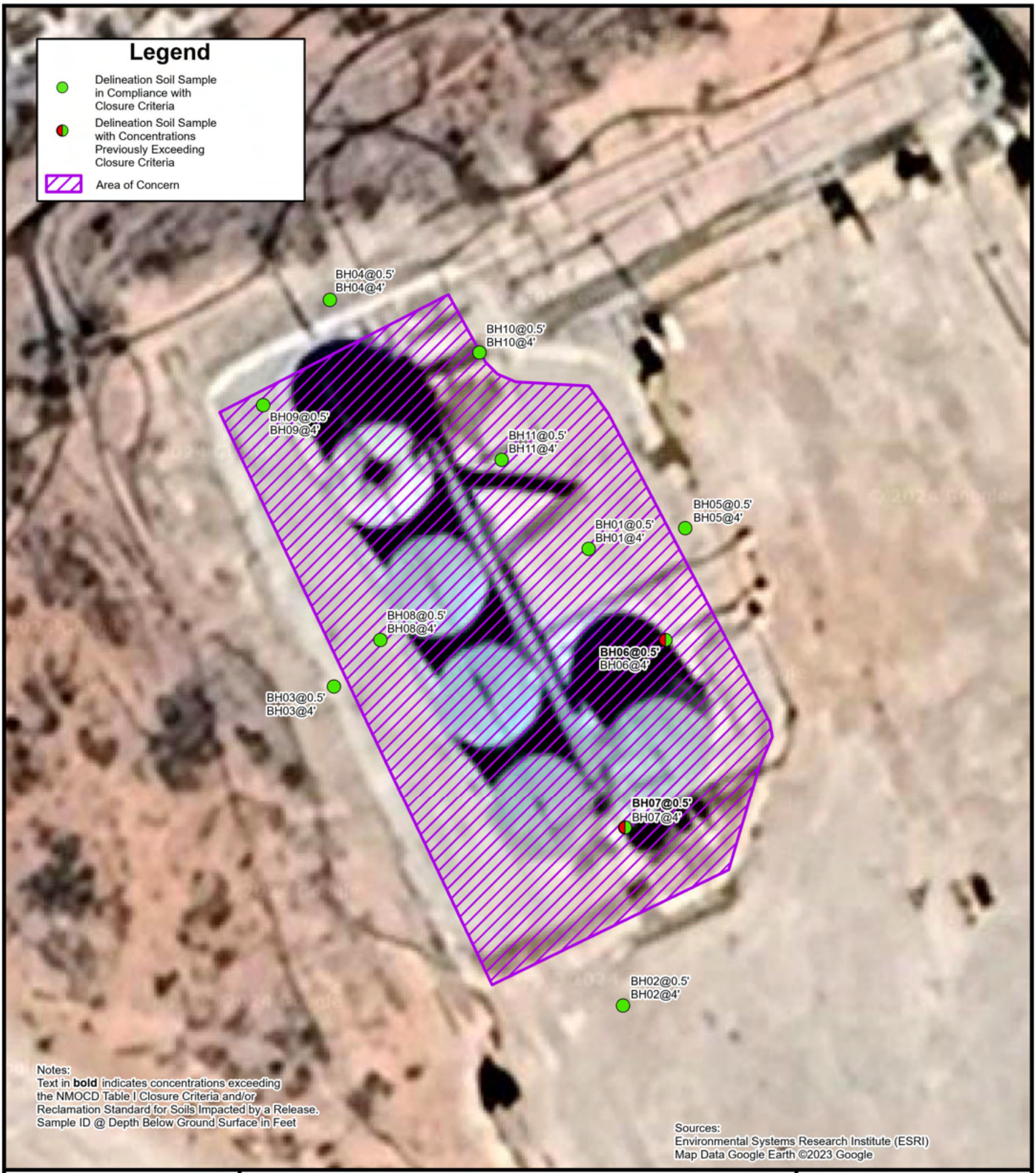
Site Characterization Map

Subsurface Receptors

Devon Energy Production Co, LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico

N

0 15,000 30,000 Feet



eTECH

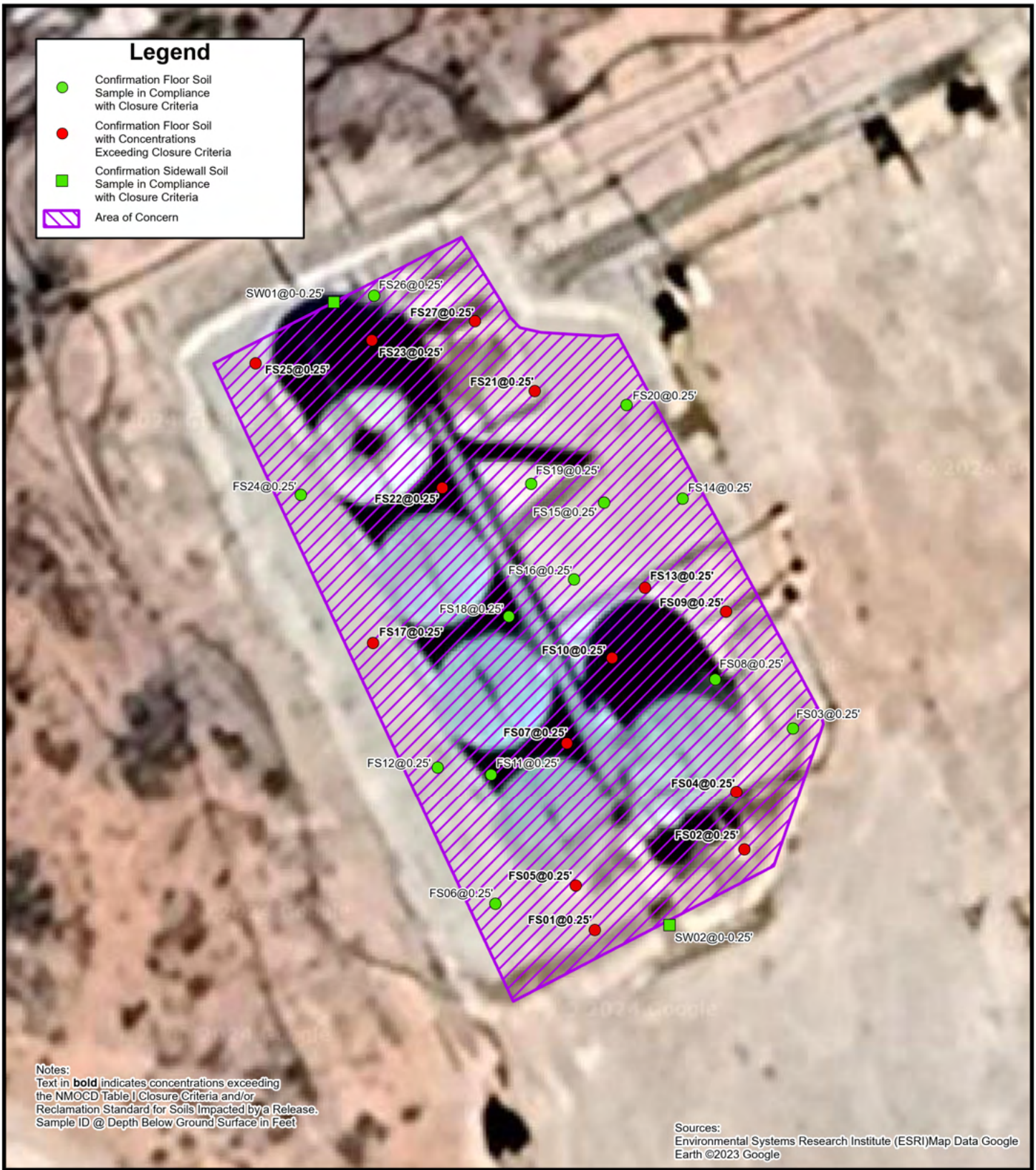
FIGURE 2

Delineation Soil Sample Locations

Devon Energy Production Co, LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico

N

0 12.5 25 Feet



eTECH

FIGURE 3

Confirmation Soil Sample Locations

Devon Energy Production Co. LP
Todd 22 B Federal #002
Unit B Sec 22 T23S R31E
Eddy County, New Mexico

N

0 10 20 Feet

APPENDIX B

Referenced Well Records

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
~~C-04712~~ POD4		C-4712
WELL OWNER NAME(S)		PHONE (OPTIONAL)
Harvard Petroleum Company		
WELL OWNER MAILING ADDRESS	CITY	STATE / ZIP
PO Box 936	Roswell	NM 88202

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	17	58.2	N
LONGITUDE	103	45	05.8	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1833	Jason Maley	Vision Resources

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
3/9/23	3/9/23	55	55	Dry

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): Dry

DATE STATIC MEASURED:

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	45	6	2" PVC sch 40	Thread	2"	sch 40	—
45	55	6	2" PVC sch 40	Thread	2"	sch 40	.02

OSE DII APR 4 2023 PM1:23

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			None Pulled And Plugged		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4712-POD4	POD NO. 4	TRN NO. 743189	
LOCATION Roswell 23.31.14.143		WELL TAG ID NO. —	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	25	25	White Caliche	Y (N)	
25	55	30	Red Sand And Caliche	Y (N)	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): Dry

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

OSE DIT APR 4 2023 PM1:23

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jason Maley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

3/24/23 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4712-POD 4	POD NO. 4	TRN NO. 743189	
LOCATION Wan 23.31.14.143		WELL TAG ID NO. —	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 743189
File Nbr: C 04712
Well File Nbr: C 04712 POD4

Apr. 04, 2023

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

Greetings:

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

The Well Record was received in this office on 04/04/2023, stating that it had been completed on 03/09/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/21/2024.

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

Sincerely,

Maret Thompson
(575)622-6521

drywell

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-04712 POD 4

Well owner: Harvard Petroleum Company Phone No.:

Mailing address: PO Box 936

City: Roswell State: NM Zip code: 88202

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Vision Resources

2) New Mexico Well Driller License No.: 1833 Expiration Date: 10/7/25

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Jason Maley

4) Date well plugging began: 3/14/23 Date well plugging concluded: 3/14/23

5) GPS Well Location: Latitude: 32 deg, 17 min, 58.2 sec
Longitude: 103 deg, 45 min, 05.8 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl), by the following manner: Tape

7) Static water level measured at initiation of plugging: Dry ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: Yes

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DIT APR 4 2023 PM1:24

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
0					
55	Bentonite Chips	81	81	Open hole	

OSE DII APR 4 2023 PM1:24

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Jason Mabry, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller — Date: 3/24/23

Version: September 8, 2009
Page 2 of 2

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD 1 (TW-1)	N/A	C-04709

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy	575-748-1838

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6488 7 Rivers Hwy	Artesia	NM	88210

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	18	29.62	N
	LONGITUDE	103	46	22.89	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

SW NW NW Sec. 15 T23S R31E , NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
4/11/23	4/11/23	Temporary Well Material	±55	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 4/18/23

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	55	±6.25	Soil Boring	--	--	--	--

OSE DIT APR 29 2023 PM 1:52

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

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

FILE NO.	C-04709	POD NO.	1	TRN NO.	743056
LOCATION	23S.31E.15.311	WELL TAG ID NO.		PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	8	8	Sand, fine-grained, poorly graded, unconsolidated, Brown	Y ✓ N	
8	16	8	Sand, fine-grained, poorly graded, unconsolidated, with caliche Brown / white	Y ✓ N	
16	55	39	Sand, fine/ very fine-grained, poorly graded, consolidated layers , Brown	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.
42
MALDIVES 15 CTB 1

OSE DIT APR 28 2023 PM 1:51

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Cameron Pruitt

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 4/27/23

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-04709	POD NO. 1	TRN NO. 743056	
LOCATION 23S.31E.15.311		WELL TAG ID NO.	PAGE 2 OF 2

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-04709 POD-1

Well owner: Devon Energy Phone No.: 575-748-1838

Mailing address: 6488 7 Rivers Hwy

City: Artesia State: New Mexico Zip code: 88210

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/25

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge, Cameron Pruitt

4) Date well plugging began: 4/18/23 Date well plugging concluded: 4/18/23

5) GPS Well Location: Latitude: 32 deg, 18 min, 29.62 sec
Longitude: 103 deg, 46 min, 22.89 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl), by the following manner: weighted tape

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 2/21/2023

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE OIT APR 20 2023 PM 1:51

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	Augers	
	10'-55' Drill Cuttings	Approx. 71 gallons	71 gallons	Boring	

OSE DIT APR 28 2023 PM1:51

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins — Signature of Well Driller

4/27/23 — Date

WELL RECORD & LOG Todd 23 Fed

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
~~C-4774~~ POD 1	NA	C04774

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy Resources	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
205 E. Bender Road # 150	Hobbs	NM	88210

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	17	42.8604	N
	LONGITUDE	103	44	30.8436	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1833	Jason Maley	Vision Resources

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
12-14-23	12-14-23	105'	105'	Dry

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 12-17-23

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	95'	6"	2" PVC SCH40	Thread	2'	SCH40	N/A
95'	105'	6"	2" PVC SCH40	Thread	2'	SCH40	.02

OSE DII JAN 17 2024 PM1:52

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			None Pulled and Plugged		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4774-POD1	POD NO. 1	TRN NO. 751178
LOCATION Expl 23.31.23.422	WELL TAG ID NO. ———	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	5'	5'	Brown sand with coarse rock	Y ✓ N	
5'	30'	25'	Tan fine sand with coarse rock	Y ✓ N	
30'	105'	75'	Brown sand mixed with clay	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: Dry hole

TOTAL ESTIMATED WELL YIELD (gpm): Dry

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

OSE DII JAN 12 2024 PM1:52

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jason Maley — 1/10/24

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer

:well Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 751178
File Nbr: C 04774
Well File Nbr: C 04774 POD1

Jan. 12, 2024

DALE WOODALL
DEVON ENGERGY RESOURCES
205 E BENDER ROAD #150
HOBBS, NM 88240

Greetings:

The above numbered permit was issued in your name on 09/19/2023.

The Well Record was received in this office on 01/12/2024, stating that it had been completed on 12/14/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 09/18/2024.

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

Sincerely,

Maret Thompson
(575)622-6521

drywell

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4774

Well owner: Devon Energy Resources Phone No.: _____

Mailing address: 205 E. Bender Road # 150

City: Hobbs State: NM Zip code: 88240

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Vision Resources

2) New Mexico Well Driller License No.: 1833 Expiration Date: 10-7-25

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Jason Maley

4) Date well plugging began: 12-20-23 Date well plugging concluded: 12-20-23

5) GPS Well Location: Latitude: 32 deg, 17 min, 42.8604 sec
Longitude: 103 deg, 44 min, 30.8436 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 105' ft below ground level (bgl), by the following manner: Tape

7) Static water level measured at initiation of plugging: N/A ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 9-21-23

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DII JAN 12 2024 PM1:52

Version: September 8, 2009
Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
0		155	155	Tremie pipe Open Hole	
	Wyoming Bentonite				
105'					

OSE DII JAN 12 2024 PM1:52

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, Jason Maley , say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

1/10/24
Date

Version: September 8, 2009
Page 2 of 2

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04712 POD4		CUB	ED	NW	SE	SW	14	23S	31E	617535.4	3574316.2		1198	55		
C 04709 POD1		CUB	ED	SW	NW	NW	15	23S	31E	615508.8	3575262.4		1644			
C 02777		CUB	ED	SE	SE	SE	10	23S	31E	616973.8	3575662.1		1857	890		
C 03749 POD1		CUB	ED		NE	NE	15	23S	31E	616973.8	3575662.1		1857	865	639	226
C 04774 POD1		CUB	ED	SE	NE	NE	23	23S	31E	618456.0	3573856.4		2041	105		
C 04855 POD1		CUB	ED	NE	SW	SW	11	23S	31E	617417.6	3575936.7		2278	105		
C 02258		C	ED		SW	NE	26	23S	31E	618055.0	3571853.0 *		2615	662		
C 04712 POD5		CUB	ED	SE	SE	SW	09	23S	31E	614392.9	3575754.4		2750	55		
C 04776 POD1		CUB	ED	SW	SW	SW	09	23S	31E	613953.1	3575651.8		3027		105	
C 02348		C	ED	NW	SE	SW	26	23S	31E	617647.5	3571068.0		3079	700	430	270
C 04712 POD3		CUB	ED	SE	NW	NE	24	23S	31E	619650.7	3573877.9		3235	55		
C 02954 EXPL		CUB	ED	SW	NW	SE	20	23S	31E	613114.0	3572906.0 *		3444	905		
C 04704 POD1		CUB	ED	SW	NE	NE	13	23S	31E	619854.4	3575363.5		3741			
C 04712 POD6		CUB	ED	SW	SW	SE	08	23S	31E	613146.6	3575740.1		3755	55		
C 02773		CUB	ED	SE	NW	SW	03	23S	31E	615668.0	3577762.0 *		3942	880		
C 03140		CUB	ED	SE	NE	SE	04	23S	31E	615266.0	3577758.0 *		4034	684		
C 04790 POD1		CUB	ED	SE	SE	SW	25	23S	31E	619309.4	3570904.8		4158	55		
C 03351		C	ED	SE	NW	SE	04	23S	31E	614916.6	3577861.1		4243	320	168	152
C 04877 POD1		CUB	LE	SE	NW	NW	30	23S	32E	620540.4	3572234.6		4445	105		
C 02774		CUB	ED	SW	NW	SW	04	23S	31E	613857.0	3577745.0 *		4626	1660		
C 04746 POD1		CUB	ED	SW	SE	SW	36	23S	31E	619225.7	3569417.8		5282	105		
C 02405		CUB	ED		SE	NW	02	24S	31E	617690.0	3568631.0 *		5411	275	160	115
C 02664		CUB	ED	SW	SW	NE	05	23S	31E	613049.0	3578138.0 *		5419	4291	354	3937
C 02464		C	ED	NE	SW	NW	02	24S	31E	617644.7	3568581.6		5449	320	205	115
C 04772 POD1		CUB	ED	NW	NW	NW	04	23S	31E	613895.0	3578780.5		5501	55		
C 02769 POD2		CUB	ED	SE	NE	SE	33	22S	31E	615260.6	3579312.3		5543	753	428	325

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 02492		CUB	ED	SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		5546	135	85	50
C 02865		CUB	ED	SE	SE	SE	06	23S	31E	612056.0	3577320.0 *		5546	174		
C 02492 POD2		C	ED	SW	NE	NE	07	23S	31E	611767.4	3576996.6		5589	400	125	275
C 02687		CUB	ED	SE	NE	SE	33	22S	31E	615246.0	3579364.0 *		5597	779		
C 02767		CUB	ED	SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		5690	785		
C 02768		CUB	ED	SE	NW	SE	33	22S	31E	614844.0	3579360.0 *		5690	787		
C 04712 POD1		CUB	LE	NW	SE	NW	31	23S	32E	620917.2	3570289.2		5765	55		
C 02769		CUB	ED	NE	NE	SE	33	22S	31E	615246.0	3579564.0 *		5792	765		
C 04726 POD1		CUB	ED	NW	NW	SE	01	23S	31E	619538.3	3578821.3		5836			
C 02661		CUB	ED	SW	SW	NW	04	24S	31E	613969.0	3568485.0 *		5933	708		
C 02785		CUB	ED	SW	SW	NW	04	24S	31E	613969.0	3568485.0 *		5933	692		
C 02460		C	ED			SW	02	24S	31E	617496.0	3568022.0 *		5967	320		
C 02460 POD2		C	ED			SW	02	24S	31E	617496.0	3568022.0 *		5967	320		
C 02783		CUB	ED	SW	SW	NW	04	24S	31E	613911.2	3568461.9		5978	708		
C 02783 POD2		CUB	ED	SW	SW	NW	04	24S	31E	613911.2	3568461.9		5978	672		
C 02784		C	ED	SE	NE	SE	04	24S	31E	613911.2	3568461.9		5978	584		
C 02776		CUB	ED	NE	NW	NW	05	23S	31E	612440.0	3578731.0 *		6263	661		
C 04815 POD1		CUB	LE	NW	SE	SW	08	23S	32E	622391.9	3576025.7		6346	55		
C 02725		CUB	ED	NW	NW	NW	05	23S	31E	612240.0	3578731.0 *		6392	532		
C 02775		CUB	ED	NW	NW	NW	05	23S	31E	612240.0	3578731.0 *		6392	529		
C 03520 POD1		C	ED	SW	NW	NW	07	23S	31E	610732.6	3576905.8		6432	500		
C 04672 POD 1		CUB	ED	NE	NW	SE	01	24S	31E	619762.2	3568286.5		6527	110		
C 03851 POD1		CUB	LE	SW	SW	SE	20	23S	32E	622879.6	3572660.0		6580	1392	713	679
C 03138		CUB	ED	SW	SW	SW	26	22S	31E	617043.0	3580591.0 *		6729	750		
C 02757		CUB	ED	SE	SE	SE	28	22S	31E	615232.0	3580571.0 *		6784	4057		
C 03529 POD1		C	LE	NE	SE	SW	29	23S	32E	622651.2	3571212.5		6786	550		
C 04712 POD2		CUB	LE	SE	SE	SE	17	23S	32E	623331.9	3574331.5		6931	55		
C 02756		CUB	ED	SW	SE	SE	26	22S	31E	618250.0	3580606.0 *		6961	1998		
C 03152		CUB	ED	SW	SE	SE	26	22S	31E	618250.0	3580606.0 *		6961	938		

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 03222 EXPLORE		CUB	ED	NW	NW	SE	12	23S	30E	609833.0	3576349.0 *		7026	365		
C 03139		CUB	ED	SE	NE	SE	01	23S	30E	610424.0	3577764.0 *		7134	425		
C 02416		CUB	ED	SW	NE	SE	28	22S	31E	615027.0	3580973.0 *		7217	800	401	399
C 02417		CUB	ED	SE	SE	SE	29	22S	31E	613623.0	3580554.0 *		7224	681		
C 02440		C	ED		NE	SW	10	24S	31E	616103.0	3566599.0 *		7298	350		
C 02420		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	779	450	329
C 02421		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	786	450	336
C 02422		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	785	450	335
C 02423		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	782	450	332
C 02424		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	786	450	336
C 02425		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	788	450	338
C 02426		CUB	ED	SE	NE	SW	28	22S	31E	614423.0	3580964.0 *		7348	785	450	335
C 03207		CUB	ED	SE	NE	SE	29	22S	31E	613618.0	3580956.0 *		7599	150		
C 02761 POD1		CUB	ED	NE	NE	SE	29	22S	31E	613651.0	3581101.5		7722	725		
C 02760		CUB	ED	NE	NE	SE	29	22S	31E	613618.0	3581156.0 *		7785	725		
C 02761		CUB	ED	NE	NE	SE	29	22S	31E	613618.0	3581156.0 *		7785	730		
C 02764		CUB	ED	NE	NE	SE	29	22S	31E	613618.0	3581156.0 *		7785	902		
C 03559 POD5		CUB	ED	SE	SW	NE	01	23S	30E	609912.4	3578236.2		7821	50		
C 03559 POD1		CUB	ED	SE	SW	NE	01	23S	30E	609928.3	3578260.7		7821	50	0	50
C 03559 POD2		CUB	ED	SE	SW	NE	01	23S	30E	609928.3	3578260.7		7821	25	0	25
C 03559 POD3		CUB	ED	SE	SW	NE	01	23S	30E	609928.3	3578260.7		7821	20	0	20
C 03559 POD4		CUB	ED	SE	SW	NE	01	23S	30E	609928.3	3578260.7		7821	25	0	25
C 03555 POD1		C	LE	NE	NE	NW	05	24S	32E	622748.5	3569233.6		7861	600	380	220
C 02766		CUB	ED	SW	SW	SW	29	22S	31E	612216.0	3580541.0 *		7865	589		
C 02418		CUB	ED	SW	NE	SW	29	22S	31E	612613.0	3580948.0 *		8016	617	413	204
C 02419		CUB	ED	SW	NE	SW	29	22S	31E	612613.0	3580948.0 *		8016	225		
C 04663 POD1		CUB	LE	SW	NW	NE	31	22S	32E	621181.3	3580341.4		8020	110		
C 04646 POD1		CUB	ED	NW	NW	NE	01	24S	30E	609909.0	3569179.8		8032	110		
C 04687 POD1		CUB	ED	SE	NE	SW	12	24S	31E	619481.4	3566450.0		8047	110		

Average Depth to Water: **310 feet**

Minimum Depth: **0 feet**

Maximum Depth: **713 feet**

Record Count: 84

Basin/County Search:
Basin: C

UTM Filters (in meters):
Easting: 616414.89
Northing: 3573890.41
Radius: 8050

*** UTM location was derived from PLSS - see Help**

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.

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321609103445901

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321609103445901 23S.31E.26.34411

Eddy County, New Mexico
Latitude 32°16'11.9", Longitude 103°45'01.2" NAD83
Land-surface elevation 3,451.00 feet above NGVD29
The depth of the well is 365 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Dewey Lake Redbeds (312DYLK) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1959-02-04		D	62610		3194.13	NGVD29	P	Z			A
1959-02-04		D	62611		3195.83	NAVD88	P	Z			A
1959-02-04		D	72019	256.87			P	Z			A
1972-09-20		D	62610		3200.53	NGVD29	1	Z			A
1972-09-20		D	62611		3202.23	NAVD88	1	Z			A
1972-09-20		D	72019	250.47			1	Z			A
1988-03-17		D	62610		3201.98	NGVD29	1	S			A
1988-03-17		D	62611		3203.68	NAVD88	1	S			A
1988-03-17		D	72019	249.02			1	S			A
2013-01-17	00:00 UTC	m	62610		3349.45	NGVD29	P	S	USGS	S	A
2013-01-17	00:00 UTC	m	62611		3351.15	NAVD88	P	S	USGS	S	A
2013-01-17	00:00 UTC	m	72019	101.55			P	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.

Section	Code	Description
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-11-26 14:20:52 EST
0.35 0.24 nadww02

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321809103481801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321809103481801 23S.31E.17.31141

Eddy County, New Mexico
Latitude 32°18'11.3", Longitude 103°48'23.4" NAD83
Land-surface elevation 3,326.00 feet above NGVD29
The depth of the well is 354 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1959-02-04		D	62610		3215.16	NGVD29	P	Z			A
1959-02-04		D	62611		3216.80	NAVD88	P	Z			A
1959-02-04		D	72019	110.84			P	Z			A
1987-10-15		D	62610		3214.80	NGVD29	1	Z			A
1987-10-15		D	62611		3216.44	NAVD88	1	Z			A
1987-10-15		D	72019	111.20			1	Z			A
1992-11-04		D	62610		3216.32	NGVD29	1	S			A
1992-11-04		D	62611		3217.96	NAVD88	1	S			A
1992-11-04		D	72019	109.68			1	S			A
2013-01-16	23:30 UTC	m	62610		3197.36	NGVD29	P	S	USGS	S	A
2013-01-16	23:30 UTC	m	62611		3199.00	NAVD88	P	S	USGS	S	A
2013-01-16	23:30 UTC	m	72019	128.64			P	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.

Section	Code	Description
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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0.35 0.23 nadww02

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321421103464901

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321421103464901 24S.31E.04.433422

Eddy County, New Mexico
Latitude 32°14'23.7", Longitude 103°46'47.8" NAD83
Land-surface elevation 3,419.00 feet above NGVD29
The depth of the well is 627 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1959-03-13		D	62610		2994.40	NGVD29	1	Z			A
1959-03-13		D	62611		2996.11	NAVD88	1	Z			A
1959-03-13		D	72019	424.60			1	Z			A
2013-01-17	00:30 UTC	m	62610		2981.53	NGVD29	P	S	USGS	S	A
2013-01-17	00:30 UTC	m	62611		2983.24	NAVD88	P	S	USGS	S	A
2013-01-17	00:30 UTC	m	72019	437.47			P	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-11-26 14:23:14 EST
0.31 0.23 nadww01

APPENDIX C

Soil Sampling Logs

eTECH	Sample Name: BH01	Date: 02/02/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.295845N, -103.7639302	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. Vapor was not field screened as denoted with "-" below.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	<128	-	No	BH01	0.5			
Dry	<128	-	No		1	1	SP-SM	(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	<128	-	No		2	2		
						3		
Dry	<128	-	No	BH01	4	4		

Total Depth

eTECH	Sample Name: BH02	Date: 02/02/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2958152, -103.7639104	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. Vapor was not field screened as denoted with "-" below.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	340	-	No	BH02	0.5			
Dry	228	-	No		1	1	SP-SM	(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	<128	-	No		2	2		
						3		
Dry	<128	-	No	BH02	4	4		

Total Depth

eTECH	Sample Name: BH03	Date: 02/02/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2959462, -103.7640534	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. Vapor was not field screened as denoted with "-" below.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, some organic matter, no stain, no odor
Dry	<128	-	No	BH03	0.5			
Dry	<128	-	No		1	1		@ 1.5 No more organic matter
Dry	<128	-	No		2	2		
						3		
Dry	<128	-	No	BH03	4	4		

Total Depth

eTECH	Sample Name: BH04	Date: 02/02/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2961062, -103.7640573	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. Vapor was not field screened as denoted with "-" below.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	SP-SM	(0-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, some organic matter, no stain, no odor
Dry	<128	-	No	BH04	0.5			
Dry	<128	-	No		1	1		@ 1.5 No more organic matter
Dry	<128	-	No		2	2		
						3		
Dry	<128	-	No	BH04	4	4		

Total Depth

eTECH	Sample Name: BH05	Date: 03/15/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2960256, -103.7638723	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips for chloride. Chloride test performed with 1:4 dilution factor of soil to distilled water. Vapor was not field screened as denoted with "-" below.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-2') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	<116	-	No	BH05	0.5			
Dry	<116	-	No		1	1		(2-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	<116	-	No		2	2	SP-SM	
						3		
Dry	<116	-	No	BH05	4	4		

Total Depth

eTECH	Sample Name: BH06	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2959651, -103.7638914	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, stained with odor
Dry	196	474.1	Yes	BH06	0.5			
Dry	196	7.0	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	196	0.3	No		2	2	SP-SM	
						3		
Dry	196	0.4	No	BH06	4	4		

Total Depth

eTECH	Sample Name: BH07	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2958891, -103.7639111	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, stained with odor
Dry	408	353.5	Yes	BH07	0.5			
Dry	368	53.2	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	224	1.2	No		2	2	SP-SM	
						3		
Dry	196	2.4	No	BH07	4	4		

Total Depth

eTECH	Sample Name: BH08	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2959641, -103.7640314	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	196	0.0	No	BH08	0.5			
Dry	196	0.0	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	196	4.4	No		2	2	SP-SM	
						3		
Dry	196	5.4	No	BH08	4	4		

Total Depth

eTECH	Sample Name: BH09	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2960614, -103.7640864	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	168	0.0	No	BH09	0.5			
Dry	168	0.0	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	168	0.0	No		2	2	SP-SM	
						3		
Dry	196	0.0	No	BH09	4	4		

Total Depth

eTECH	Sample Name: BH10	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2960846, -103.7639826	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	452	0.0	No	BH10	0.5			
Dry	368	0.0	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	224	0.0	No		2	2	SP-SM	
						3		
Dry	292	0.0	No	BH10	4	4		

Total Depth

eTECH	Sample Name: BH11	Date: 03/26/2024
	Site Name: Todd 22 B Federal #002	
	Incident Number: nLRN0428054360	
	Job Number: 19303	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: EK	Method: Hand Auger
Site Coordinates: 32.2960386, -103.7639713	Hole Diameter: 4 inches	Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
						0	CCHE	(0-1') CALICHE, dry, tan, well graded with some silt, fine to coarse grain, abundant small to medium gravel, no stain, no odor
Dry	224	0.0	No	BH11	0.5			
Dry	368	0.0	No		1	1		(1-4') SAND, dry, light brown, poorly graded with some silt, very fine to fine grain, no stain, no odor
Dry	196	0.0	No		2	2	SP-SM	
						3		
Dry	196	0.0	No	BH11	4	4		

Total Depth

APPENDIX D

Photographic Log

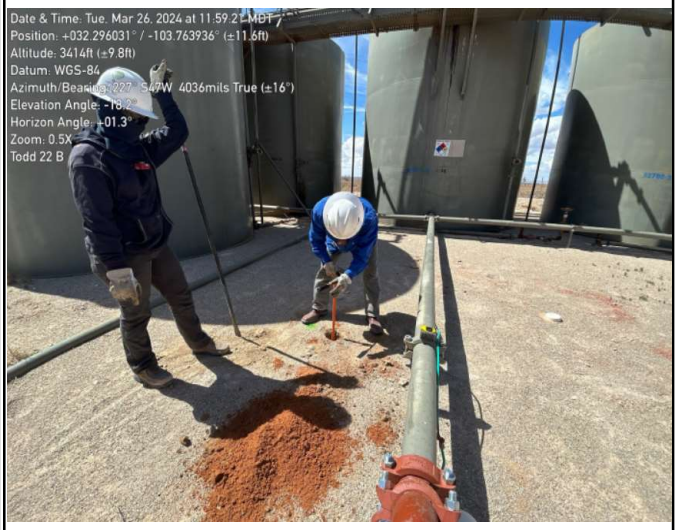
PHOTOGRAPHIC LOG
WPX Energy Permian, LLC
Todd 22 Federal #002
Incident Number nLRN0428054360



Photograph 1 **Date: 01/22/2024**
Description: Southwestern view of the AOC during initial site assessment activities.



Photograph 2 **Date: 02/02/2024**
Description: Northeastern view of delineation activities southeast of AOC.



Photograph 3 **Date: 03/26/2024**
Description: Southwestern view of continued delineation activities within the AOC.



Photograph 4 **Date: 03/26/2024**
Description: Northwestern view of continued soil sampling activities within the AOC.

APPENDIX E

Tables

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Co. LP
Todd 22 Battery
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples - Incident Number nLRN0428054360										
BH01	02/02/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	02/02/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	02/02/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	02/02/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH03	02/02/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH03	02/02/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH04	02/02/2024	0.5	<0.0250	0.0335	<20.0	<25.0	<50.0	<25.0	<50.0	248
BH04	02/02/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	03/14/2024	0.5	<0.0250	<0.0500	<20.0	28.9	<50.0	28.9	28.9	90.4
BH05	03/14/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH06	03/26/2024	0.5	0.0547	10.8	218	12,100	5,330	**12,300**	**17,600**	50.2
BH06	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	03/26/2024	0.5	<0.0250	0.975	28.8	2,800	1,100	**2,830**	**3,930**	270
BH07	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	31.5
BH08	03/26/2024	0.5	<0.0250	<0.0500	<20.0	57.3	101	57.3	158	<20.0
BH08	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09	03/26/2024	0.5	<0.0250	<0.0500	<20.0	242	264	242	506	<20.0
BH09	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	03/26/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	288
BH10	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	78.8
BH11	03/26/2024	0.5	<0.0250	<0.0500	<20.0	44.0	<50.0	44.0	44.0	23.8
BH11	03/26/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.3
Confirmation Soil Samples - Incident Number nLRN0428054360										
FS01	03/14/2024	0.25	<0.0250	0.102	<20.0	3,580	1,700	**3,580**	**5,280**	412
FS02	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,840	749	**1,840**	**2,590**	1,080
FS03	03/14/2024	0.25	<0.0250	0.0449	<20.0	127	201	127	328	460
FS04	03/14/2024	0.25	<0.0250	<0.0500	<20.0	2,520	1,880	**2,520**	**4,400**	102
FS05	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,120	546	**1,120**	1,670	<20.0
FS06	03/14/2024	0.25	<0.0250	<0.0500	<20.0	35.6	66.8	35.6	102	177
FS07	03/14/2024	0.25	<0.0250	<0.0500	<20.0	2,580	1,480	**2,580**	**4,060**	44.8

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Devon Energy Production Co. LP
Todd 22 Battery
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Confirmation Soil Samples - Incident Number nLRN0428054360										
FS08	03/14/2024	0.25	<0.0250	<0.0500	<20.0	190	111	190	301	133
FS09	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,650	702	**1,650**	2,350	170
FS10	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,510	767	**1,510**	2,280	401
FS11	03/14/2024	0.25	<0.0250	<0.0500	<20.0	76.5	190	76.5	267	<20.0
FS12	03/14/2024	0.25	<0.0250	<0.0500	<20.0	669	793	669	1,460	183
FS13	03/14/2024	0.25	<0.0250	<0.0500	<20.0	2,340	954	**2,340**	**3,290**	113
FS14	03/14/2024	0.25	<0.0250	<0.0500	<20.0	511	353	511	864	864
FS15	03/14/2024	0.25	<0.0250	<0.0500	<20.0	37.3	50.1	37.3	87.4	96.1
FS16	03/14/2024	0.25	<0.0250	<0.0500	<20.0	80.3	63.1	80.3	143	65.6
FS17	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,650	1,040	**1,650**	**2,690**	56.2
FS18	03/14/2024	0.25	<0.0250	<0.0500	<20.0	447	451	447	898	<20.0
FS19	03/14/2024	0.25	<0.0250	<0.0500	<20.0	239	166	239	405	90.3
FS20	03/14/2024	0.25	<0.0250	<0.0500	<20.0	669	481	669	1,150	1,530
FS21	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,750	1,110	**1,750**	**2,860**	89.9
FS22	03/14/2024	0.25	<0.0250	<0.0500	<20.0	2,130	1,500	**2,130**	**3,630**	100
FS23	03/14/2024	0.25	<0.0250	<0.0500	<20.0	2,860	2,180	**2,860**	**5,040**	142
FS24	03/14/2024	0.25	<0.0250	<0.0500	<20.0	901	497	901	1,400	<20.0
FS25	03/14/2024	0.25	<0.0250	<0.0500	<20.0	1,450	1,810	**1,450**	**3,260**	<20.0
FS26	03/14/2024	0.25	<0.0250	<0.0500	<20.0	471	361	471	832	1,720
FS27	03/14/2024	0.25	<0.0250	<0.0500	<20.0	3,020	1,450	**3,020**	**4,470**	654
SW01	03/26/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW02	03/26/2024	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon

NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
Text in "grey" represents excavated soil samples
Concentrations in bold exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard[†] 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 F

Laboratory Analytical Reports & Chain-of-Custody Documentation

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

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E402063

Job Number: 01058-0007

Received: 2/6/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/13/24

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: 3/13/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E402063
Date Received: 2/6/2024 12:07:00PM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/6/2024 12:07:00PM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/13/24 15:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 0.5'	E402063-01A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.
BH01 4'	E402063-02A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

BH01 0.5'

E402063-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406069
Benzene	ND	0.0250	1	02/07/24	02/10/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/10/24	
Toluene	ND	0.0250	1	02/07/24	02/10/24	
o-Xylene	ND	0.0250	1	02/07/24	02/10/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/10/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.8 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*02/07/24*	*02/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/10/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.8 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*02/07/24*	*02/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/08/24	02/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/08/24	02/09/24	
Surrogate: n-Nonane		*97.3 %*	*50-200*	*02/08/24*	*02/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2406071
Chloride	ND	20.0	1	02/07/24	02/07/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

BH01 4'

E402063-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406069
Benzene	ND	0.0250	1	02/07/24	02/10/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/10/24	
Toluene	ND	0.0250	1	02/07/24	02/10/24	
o-Xylene	ND	0.0250	1	02/07/24	02/10/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/10/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/10/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*02/07/24*	*02/10/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406069
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/10/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*02/07/24*	*02/10/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*02/07/24*	*02/10/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/08/24	02/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/08/24	02/09/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*02/08/24*	*02/09/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2406071
Chloride	ND	20.0	1	02/07/24	02/07/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406069-BLK1)									Prepared: 02/07/24 Analyzed: 02/10/24
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	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.453*		*0.500*		*90.5*	*70-130*			
Surrogate: Toluene-d8	*0.537*		*0.500*		*107*	*70-130*			
LCS (2406069-BS1)									Prepared: 02/07/24 Analyzed: 02/10/24
Benzene	2.42	0.0250	2.50		96.7	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.49	0.0250	2.50		99.6	70-130			
o-Xylene	2.61	0.0250	2.50		104	70-130			
p,m-Xylene	5.17	0.0500	5.00		103	70-130			
Total Xylenes	7.78	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	*0.585*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.456*		*0.500*		*91.1*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			
LCS Dup (2406069-BSD1)									Prepared: 02/07/24 Analyzed: 02/10/24
Benzene	2.51	0.0250	2.50		100	70-130	3.74	23	
Ethylbenzene	2.63	0.0250	2.50		105	70-130	2.05	27	
Toluene	2.54	0.0250	2.50		102	70-130	2.01	24	
o-Xylene	2.71	0.0250	2.50		109	70-130	4.00	27	
p,m-Xylene	5.32	0.0500	5.00		106	70-130	2.74	27	
Total Xylenes	8.03	0.0250	7.50		107	70-130	3.16	27	
Surrogate: Bromofluorobenzene	*0.618*		*0.500*		*124*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*0.550*		*0.500*		*110*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406069-BLK1)									Prepared: 02/07/24 Analyzed: 02/10/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.453*		*0.500*		*90.5*	*70-130*			
Surrogate: Toluene-d8	*0.537*		*0.500*		*107*	*70-130*			
LCS (2406069-BS2)									Prepared: 02/07/24 Analyzed: 02/10/24
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	*0.569*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.450*		*0.500*		*90.0*	*70-130*			
Surrogate: Toluene-d8	*0.553*		*0.500*		*111*	*70-130*			
LCS Dup (2406069-BSD2)									Prepared: 02/07/24 Analyzed: 02/10/24
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130	1.51	20	
Surrogate: Bromofluorobenzene	*0.576*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.450*		*0.500*		*89.9*	*70-130*			
Surrogate: Toluene-d8	*0.533*		*0.500*		*107*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406077-BLK1)									Prepared: 02/08/24 Analyzed: 02/08/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.0*		*50.0*		*94.0*	*50-200*			
LCS (2406077-BS1)									Prepared: 02/08/24 Analyzed: 02/08/24
Diesel Range Organics (C10-C28)	245	25.0	250		98.1	38-132			
Surrogate: n-Nonane	*46.8*		*50.0*		*93.6*	*50-200*			
Matrix Spike (2406077-MS1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*49.3*		*50.0*		*98.6*	*50-200*			
Matrix Spike Dup (2406077-MSD1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132	0.773	20	
Surrogate: n-Nonane	*47.0*		*50.0*		*94.1*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:18:18PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406071-BLK1)									Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	ND	20.0							
LCS (2406071-BS1)									Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2406071-MS1)				**Source: E402067-03**					Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	314	20.0	250	65.9	99.1	80-120			
Matrix Spike Dup (2406071-MSD1)				**Source: E402067-03**					Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	315	20.0	250	65.9	99.6	80-120	0.387	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/13/24 15:18

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | **Chain of Custody** | Page __1__ of __1__

| | | |

Envirotech Analytical Laboratory

Printed: 2/7/2024 1:26:08PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/06/24 12:07	Work Order ID:	E402063
Phone:	(575) 748-0176	Date Logged In:	02/06/24 12:50	Logged In By:	Angelina Pineda
Email:		Due Date:	02/12/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E402064

Job Number: 01058-0007

Received: 2/6/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/13/24

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: 2/13/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E402064
Date Received: 2/6/2024 12:07:00PM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/6/2024 12:07:00PM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	02/13/24 14:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02 0.5'	E402064-01A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.
BH02 4'	E402064-02A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

BH02 0.5'

E402064-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	ND	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.5 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*119 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.5 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*109 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2406072
Chloride	ND	20.0	1	02/07/24	02/07/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

BH02 4'

E402064-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	ND	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.7 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.7 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*93.1 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2406072
Chloride	ND	20.0	1	02/07/24	02/07/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
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	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS1)									Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.79	0.0250	2.50		111	70-130			
Ethylbenzene	2.77	0.0250	2.50		111	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.78	0.0250	2.50		111	70-130			
p,m-Xylene	5.50	0.0500	5.00		110	70-130			
Total Xylenes	8.28	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	*0.591*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
Matrix Spike (2406070-MS1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.42	0.0250	2.50	ND	96.7	48-131			
Ethylbenzene	2.76	0.0250	2.50	ND	110	45-135			
Toluene	2.55	0.0250	2.50	ND	102	48-130			
o-Xylene	2.76	0.0250	2.50	ND	110	43-135			
p,m-Xylene	5.50	0.0500	5.00	ND	110	43-135			
Total Xylenes	8.26	0.0250	7.50	ND	110	43-135			
Surrogate: Bromofluorobenzene	*0.583*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: Toluene-d8	*0.544*		*0.500*		*109*	*70-130*			
Matrix Spike Dup (2406070-MSD1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.23	0.0250	2.50	ND	89.4	48-131	7.91	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	6.03	27	
Toluene	2.42	0.0250	2.50	ND	96.8	48-130	5.31	24	
o-Xylene	2.68	0.0250	2.50	ND	107	43-135	3.11	27	
p,m-Xylene	5.27	0.0500	5.00	ND	105	43-135	4.26	27	
Total Xylenes	7.95	0.0250	7.50	ND	106	43-135	3.87	27	
Surrogate: Bromofluorobenzene	*0.577*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.3*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS2)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	*0.556*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.456*		*0.500*		*91.2*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
Matrix Spike (2406070-MS2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	*0.574*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.4*	*70-130*			
Surrogate: Toluene-d8	*0.542*		*0.500*		*108*	*70-130*			
Matrix Spike Dup (2406070-MSD2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130	1.16	20	
Surrogate: Bromofluorobenzene	*0.578*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.441*		*0.500*		*88.1*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406099-BLK1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.4*		*50.0*		*115*	*50-200*			
LCS (2406099-BS1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	*57.6*		*50.0*		*115*	*50-200*			
Matrix Spike (2406099-MS1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	*58.3*		*50.0*		*117*	*50-200*			
Matrix Spike Dup (2406099-MSD1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132	2.46	20	
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	2/13/2024 2:35:36PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406072-BLK1)									Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	ND	20.0							
LCS (2406072-BS1)									Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	265	20.0	250		106	90-110			
Matrix Spike (2406072-MS1)				**Source: E402064-02**					Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2406072-MSD1)				**Source: E402064-02**					Prepared: 02/07/24 Analyzed: 02/07/24
Chloride	259	20.0	250	ND	103	80-120	0.556	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	02/13/24 14:35

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page __1__ of __1__

| | | |

Envirotech Analytical Laboratory

Printed: 2/7/2024 12:50:02PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/06/24 12:07	Work Order ID:	E402064
Phone:	(575) 748-0176	Date Logged In:	02/06/24 14:24	Logged In By:	Angelina Pineda
Email:		Due Date:	02/12/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E402065

Job Number: 01058-0007

Received: 2/6/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/18/24

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: 3/18/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E402065
Date Received: 2/6/2024 12:07:00PM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/6/2024 12:07:00PM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/18/24 09:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 0.5'	E402065-01A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.
BH03 4'	E402065-02A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

BH03 0.5'

E402065-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	ND	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*112 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406085
Chloride	ND	20.0	1	02/08/24	02/08/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

BH03 4'

E402065-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	ND	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.1 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406085
Chloride	ND	20.0	1	02/08/24	02/08/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
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	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS1)									Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.79	0.0250	2.50		111	70-130			
Ethylbenzene	2.77	0.0250	2.50		111	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.78	0.0250	2.50		111	70-130			
p,m-Xylene	5.50	0.0500	5.00		110	70-130			
Total Xylenes	8.28	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	*0.591*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
Matrix Spike (2406070-MS1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.42	0.0250	2.50	ND	96.7	48-131			
Ethylbenzene	2.76	0.0250	2.50	ND	110	45-135			
Toluene	2.55	0.0250	2.50	ND	102	48-130			
o-Xylene	2.76	0.0250	2.50	ND	110	43-135			
p,m-Xylene	5.50	0.0500	5.00	ND	110	43-135			
Total Xylenes	8.26	0.0250	7.50	ND	110	43-135			
Surrogate: Bromofluorobenzene	*0.583*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: Toluene-d8	*0.544*		*0.500*		*109*	*70-130*			
Matrix Spike Dup (2406070-MSD1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.23	0.0250	2.50	ND	89.4	48-131	7.91	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	6.03	27	
Toluene	2.42	0.0250	2.50	ND	96.8	48-130	5.31	24	
o-Xylene	2.68	0.0250	2.50	ND	107	43-135	3.11	27	
p,m-Xylene	5.27	0.0500	5.00	ND	105	43-135	4.26	27	
Total Xylenes	7.95	0.0250	7.50	ND	106	43-135	3.87	27	
Surrogate: Bromofluorobenzene	*0.577*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.3*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS2)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	*0.556*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.456*		*0.500*		*91.2*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
Matrix Spike (2406070-MS2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	*0.574*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.4*	*70-130*			
Surrogate: Toluene-d8	*0.542*		*0.500*		*108*	*70-130*			
Matrix Spike Dup (2406070-MSD2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130	1.16	20	
Surrogate: Bromofluorobenzene	*0.578*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.441*		*0.500*		*88.1*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406099-BLK1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.4*		*50.0*		*115*	*50-200*			
LCS (2406099-BS1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	*57.6*		*50.0*		*115*	*50-200*			
Matrix Spike (2406099-MS1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	*58.3*		*50.0*		*117*	*50-200*			
Matrix Spike Dup (2406099-MSD1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132	2.46	20	
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/18/2024 9:42:04AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406085-BLK1)									Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	ND	20.0							
LCS (2406085-BS1)									Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2406085-MS1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	3600	200	250	3210	155	80-120			M4
Matrix Spike Dup (2406085-MSD1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	3430	200	250	3210	88.2	80-120	4.73	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/18/24 09:42

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page __1__ of __1__

| | | |

Envirotech Analytical Laboratory

Printed: 2/7/2024 1:04:01PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/06/24 12:07	Work Order ID:	E402065
Phone:	(575) 748-0176	Date Logged In:	02/06/24 14:29	Logged In By:	Angelina Pineda
Email:		Due Date:	02/12/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E402066

Job Number: 01058-0007

Received: 2/6/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/13/24

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: 3/13/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E402066
Date Received: 2/6/2024 12:07:00PM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/6/2024 12:07:00PM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/13/24 15:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 0.5'	E402066-01A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.
BH04 4'	E402066-02A	Soil	02/02/24	02/06/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

BH04 0.5'

E402066-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	**0.0335**	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*97.9 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406085
Chloride	**248**	20.0	1	02/08/24	02/08/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

BH04 4'

E402066-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Benzene	ND	0.0250	1	02/07/24	02/09/24	
Ethylbenzene	ND	0.0250	1	02/07/24	02/09/24	
Toluene	ND	0.0250	1	02/07/24	02/09/24	
o-Xylene	ND	0.0250	1	02/07/24	02/09/24	
p,m-Xylene	ND	0.0500	1	02/07/24	02/09/24	
Total Xylenes	ND	0.0250	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.3 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2406070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/24	02/09/24	
Surrogate: Bromofluorobenzene		*114 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.3 %*	*70-130*	*02/07/24*	*02/09/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*02/07/24*	*02/09/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2406099
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/24	02/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/24	02/10/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/09/24*	*02/10/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2406085
Chloride	ND	20.0	1	02/08/24	02/08/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
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	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS1)									Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.79	0.0250	2.50		111	70-130			
Ethylbenzene	2.77	0.0250	2.50		111	70-130			
Toluene	2.67	0.0250	2.50		107	70-130			
o-Xylene	2.78	0.0250	2.50		111	70-130			
p,m-Xylene	5.50	0.0500	5.00		110	70-130			
Total Xylenes	8.28	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	*0.591*		*0.500*		*118*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
Matrix Spike (2406070-MS1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.42	0.0250	2.50	ND	96.7	48-131			
Ethylbenzene	2.76	0.0250	2.50	ND	110	45-135			
Toluene	2.55	0.0250	2.50	ND	102	48-130			
o-Xylene	2.76	0.0250	2.50	ND	110	43-135			
p,m-Xylene	5.50	0.0500	5.00	ND	110	43-135			
Total Xylenes	8.26	0.0250	7.50	ND	110	43-135			
Surrogate: Bromofluorobenzene	*0.583*		*0.500*		*117*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: Toluene-d8	*0.544*		*0.500*		*109*	*70-130*			
Matrix Spike Dup (2406070-MSD1)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Benzene	2.23	0.0250	2.50	ND	89.4	48-131	7.91	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	6.03	27	
Toluene	2.42	0.0250	2.50	ND	96.8	48-130	5.31	24	
o-Xylene	2.68	0.0250	2.50	ND	107	43-135	3.11	27	
p,m-Xylene	5.27	0.0500	5.00	ND	105	43-135	4.26	27	
Total Xylenes	7.95	0.0250	7.50	ND	106	43-135	3.87	27	
Surrogate: Bromofluorobenzene	*0.577*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.3*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406070-BLK1)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.562*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.454*		*0.500*		*90.8*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
LCS (2406070-BS2)									Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	*0.556*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.456*		*0.500*		*91.2*	*70-130*			
Surrogate: Toluene-d8	*0.549*		*0.500*		*110*	*70-130*			
Matrix Spike (2406070-MS2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	*0.574*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.467*		*0.500*		*93.4*	*70-130*			
Surrogate: Toluene-d8	*0.542*		*0.500*		*108*	*70-130*			
Matrix Spike Dup (2406070-MSD2)				**Source: E402066-02**					Prepared: 02/07/24 Analyzed: 02/09/24
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130	1.16	20	
Surrogate: Bromofluorobenzene	*0.578*		*0.500*		*116*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.441*		*0.500*		*88.1*	*70-130*			
Surrogate: Toluene-d8	*0.554*		*0.500*		*111*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406099-BLK1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.4*		*50.0*		*115*	*50-200*			
LCS (2406099-BS1)									Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	*57.6*		*50.0*		*115*	*50-200*			
Matrix Spike (2406099-MS1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	*58.3*		*50.0*		*117*	*50-200*			
Matrix Spike Dup (2406099-MSD1)				**Source: E402065-02**					Prepared: 02/09/24 Analyzed: 02/10/24
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	38-132	2.46	20	
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/13/2024 3:20:06PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2406085-BLK1)									Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	ND	20.0							
LCS (2406085-BS1)									Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2406085-MS1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	3600	200	250	3210	155	80-120			M4
Matrix Spike Dup (2406085-MSD1)				**Source: E402074-03**					Prepared: 02/08/24 Analyzed: 02/08/24
Chloride	3430	200	250	3210	88.2	80-120	4.73	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/13/24 15:20

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Client: Devon Energy Production Co LP	Bill To	Lab Use Only
Project: Todd 22 B Fed 2	Attention: Jim Raley	Lab WO# E402066 Job Number 01058-0007
Project Manager: Gilbert Moreno	Address: 5315 Buena Vista Dr.	
Address: 13000 W County Rd 100	City, State, Zip: Carlsbad, NM, 88220	
City, State, Zip Odessa,TX, 79765	Phone: 575-885-7502	
Phone: 432-305-6414	Email: jim.raley@dvn.com	
Email: Devon-team@etechenv.com	WO: 1061476201 - NM PERMIAN ABANDON	
	Incident ID: nLRN0428054360	
Collected by: Edyte Konan		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			5 day TAT		
					RCRA

State: NM | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
11:00	02.02.24	S	1	BH04	1	0.5'								X				
11:10	02.02.24	S	1	BH04	2	4'								X				

02/05/2024

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	02/05/24	12:00	Michelle Gonzales	2-5-24	1200
Michelle Gonzales	2-5-24	1730		2/6/24	1207
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 2/7/2024 1:13:25PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	02/06/24 12:07	Work Order ID:	E402066
Phone:	(575) 748-0176	Date Logged In:	02/06/24 14:37	Logged In By:	Angelina Pineda
Email:		Due Date:	02/12/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403169

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403169
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05 0.5'	E403169-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
BH05 4'	E403169-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

BH05 0.5'

E403169-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412052
Diesel Range Organics (C10-C28)	**28.9**	25.0	1	03/20/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/20/24	03/21/24	
Surrogate: n-Nonane		*90.7 %*	*50-200*	*03/20/24*	*03/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	**90.4**	20.0	1	03/19/24	03/19/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

BH05 4'

E403169-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412052
Diesel Range Organics (C10-C28)	ND	25.0	1	03/20/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/20/24	03/21/24	
Surrogate: n-Nonane		*83.8 %*	*50-200*	*03/20/24*	*03/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	ND	20.0	1	03/19/24	03/19/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412052-BLK1)									Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.3*		*50.0*		*92.6*	*50-200*			
LCS (2412052-BS1)									Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	292	25.0	250		117	38-132			
Surrogate: n-Nonane	*45.6*		*50.0*		*91.1*	*50-200*			
Matrix Spike (2412052-MS1)				**Source: E403168-01**					Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	779	125	250	471	123	38-132			
Surrogate: n-Nonane	*45.6*		*50.0*		*91.2*	*50-200*			
Matrix Spike Dup (2412052-MSD1)				**Source: E403168-01**					Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	797	125	250	471	130	38-132	2.28	20	
Surrogate: n-Nonane	*44.8*		*50.0*		*89.6*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:35:17PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412035-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	ND	20.0							
LCS (2412035-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	250	20.0	250		100	90-110			
LCS Dup (2412035-BSD1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	251	20.0	250		100	90-110	0.253	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:35

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

Client: Devon Energy Production Co LP	Bill To	Lab Use Only		TAT				EPA Program	
Project: Todd 22 B Fed 2	Attention: Jim Raley	Lab WO# E 403169	Job Number 01053-0007	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Gilbert Moreno	Address: 5315 Buena Vista Dr.						5 day TAT		
Address: 13000 W County Rd 100	City, State, Zip: Carlsbad, NM, 88220	Analysis and Method							RCRA
City, State, Zip_Odessa,TX, 79765	Phone: 575-885-7502								
Phone: 432-305-6414	Email: jim.raley@dvn.com							State	
Email: Devon-team@etechenv.com	WO: 1061476201 – NM PERMIAN ABANDON							NM CO UT AZ TX	
	Incident ID: nLRN0428054360							x	
Collected by: Edyte Konan									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
13:30	03.14.24	S	1	BH05	1	0.5'								X				
13:40	03.14.24	S	1	BH05	2	4'								X				

03/15/2024

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	03/15/2024	09:00	[signature]	3-15-24	0900
[signature]	3-15-24	1300	[signature]	3-15-24	1700
[signature]	3-15-24	2400	[signature]	3/16/24	0830

Lab Use Only
Received on ice: (Y) / N
T1 _____ T2 _____ T3 _____
AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 3/19/2024 12:20:41PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403169
Phone:	(575) 748-0176	Date Logged In:	03/18/24 10:16	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403278

Job Number: 01058-0007

Received: 3/29/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/4/24

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

Date Reported: 4/4/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403278
Date Received: 3/29/2024 7:15:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/29/2024 7:15:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/04/24 12:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH06 0.5'	E403278-01A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH06 4'	E403278-02A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH07 0.5'	E403278-03A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH07 4'	E403278-04A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH08 0.5'	E403278-05A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH08 4'	E403278-06A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH09 0.5'	E403278-07A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH09 4'	E403278-08A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH10 0.5'	E403278-09A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH10 4'	E403278-10A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH11 0.5'	E403278-11A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
BH11 4'	E403278-12A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH06 0.5'

E403278-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	**0.0547**	0.0250	1	03/29/24	04/01/24	
Ethylbenzene	**1.86**	0.0250	1	03/29/24	04/01/24	
Toluene	**1.06**	0.0250	1	03/29/24	04/01/24	
o-Xylene	**2.59**	0.0250	1	03/29/24	04/01/24	
p,m-Xylene	**5.25**	0.0500	1	03/29/24	04/01/24	
Total Xylenes	**7.84**	0.0250	1	03/29/24	04/01/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.6 %*	*70-130*	*03/29/24*	*04/01/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	**218**	20.0	1	03/29/24	04/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*123 %*	*70-130*	*03/29/24*	*04/01/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	**12100**	250	10	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	**5330**	500	10	04/01/24	04/02/24	
Surrogate: n-Nonane		*159 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**50.2**	20.0	1	03/29/24	03/29/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH06 4'

E403278-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.9 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/03/24	
Surrogate: n-Nonane		*79.3 %*	*50-200*	*04/01/24*	*04/03/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	ND	20.0	1	03/29/24	03/29/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH07 0.5'

E403278-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	**0.187**	0.0250	1	03/29/24	04/02/24	
Toluene	**0.0293**	0.0250	1	03/29/24	04/02/24	
o-Xylene	**0.190**	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	**0.569**	0.0500	1	03/29/24	04/02/24	
Total Xylenes	**0.759**	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	**28.8**	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	**2800**	250	10	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	**1100**	500	10	04/01/24	04/02/24	
Surrogate: n-Nonane		*88.0 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**270**	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH07 4'

E403278-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*77.8 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**31.5**	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH08 0.5'

E403278-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	**57.3**	25.0	1	04/01/24	04/03/24	
Oil Range Organics (C28-C36)	**101**	50.0	1	04/01/24	04/03/24	
Surrogate: n-Nonane		*79.5 %*	*50-200*	*04/01/24*	*04/03/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	ND	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH08 4'

E403278-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.1 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*79.5 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	ND	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH09 0.5'

E403278-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.8 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	**242**	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	**264**	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	ND	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH09 4'

E403278-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.9 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*76.9 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	ND	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH10 0.5'

E403278-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.1 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.0 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*77.8 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**288**	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH10 4'

E403278-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.8 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*78.1 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**78.8**	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH11 0.5'

E403278-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.0 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	**44.0**	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*83.1 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**23.8**	20.0	1	03/29/24	03/30/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

BH11 4'

E403278-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413114
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*75.4 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413125
Chloride	**40.3**	20.0	1	03/29/24	03/30/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413114-BLK1)									Prepared: 03/29/24 Analyzed: 04/01/24
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	*7.43*		*8.00*		*92.8*	*70-130*			
LCS (2413114-BS1)									Prepared: 03/29/24 Analyzed: 04/01/24
Benzene	4.66	0.0250	5.00		93.1	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130			
Toluene	4.74	0.0250	5.00		94.8	70-130			
o-Xylene	4.72	0.0250	5.00		94.3	70-130			
p,m-Xylene	9.64	0.0500	10.0		96.4	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.49*		*8.00*		*93.7*	*70-130*			
Matrix Spike (2413114-MS1)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 04/01/24
Benzene	4.56	0.0250	5.00	0.0547	90.1	54-133			
Ethylbenzene	6.43	0.0250	5.00	1.86	91.4	61-133			
Toluene	5.70	0.0250	5.00	1.06	92.7	61-130			
o-Xylene	7.13	0.0250	5.00	2.59	90.9	63-131			
p,m-Xylene	14.1	0.0500	10.0	5.25	88.3	63-131			
Total Xylenes	21.2	0.0250	15.0	7.84	89.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.39*		*8.00*		*92.4*	*70-130*			
Matrix Spike Dup (2413114-MSD1)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 04/01/24
Benzene	4.47	0.0250	5.00	0.0547	88.4	54-133	1.89	20	
Ethylbenzene	6.35	0.0250	5.00	1.86	89.7	61-133	1.34	20	
Toluene	5.62	0.0250	5.00	1.06	91.2	61-130	1.37	20	
o-Xylene	7.03	0.0250	5.00	2.59	88.8	63-131	1.43	20	
p,m-Xylene	13.9	0.0500	10.0	5.25	86.2	63-131	1.46	20	
Total Xylenes	20.9	0.0250	15.0	7.84	87.1	63-131	1.45	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.47*		*8.00*		*93.4*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413114-BLK1)									Prepared: 03/29/24 Analyzed: 04/01/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.86*		*8.00*		*98.2*	*70-130*			
LCS (2413114-BS2)									Prepared: 03/29/24 Analyzed: 04/01/24
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.79*		*8.00*		*97.4*	*70-130*			
Matrix Spike (2413114-MS2)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 04/01/24
Gasoline Range Organics (C6-C10)	277	20.0	50.0	218	119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*10.2*		*8.00*		*128*	*70-130*			
Matrix Spike Dup (2413114-MSD2)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 04/01/24
Gasoline Range Organics (C6-C10)	257	20.0	50.0	218	77.5	70-130	7.77	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.94*		*8.00*		*124*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2414004-BLK1)									Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*39.3*		*50.0*		*78.6*	*50-200*			
LCS (2414004-BS1)									Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	*40.9*		*50.0*		*81.8*	*50-200*			
Matrix Spike (2414004-MS1)				**Source: E403277-06**					Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	*39.0*		*50.0*		*78.0*	*50-200*			
Matrix Spike Dup (2414004-MSD1)				**Source: E403277-06**					Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.4	38-132	1.35	20	
Surrogate: n-Nonane	*39.3*		*50.0*		*78.6*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 12:42:40PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413125-BLK1)									Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	ND	20.0							
LCS (2413125-BS1)									Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2413125-MS1)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	317	20.0	250	50.2	107	80-120			
Matrix Spike Dup (2413125-MSD1)				**Source: E403278-01**					Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	298	20.0	250	50.2	99.3	80-120	5.94	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/04/24 12:42

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 2

| | | |

Released to Imaging: 1/13/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

roject Information | Chain of Custody | Page __2__ of __2__

| | | |

Envirotech Analytical Laboratory

Printed: 3/29/2024 12:55:55PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/29/24 07:15	Work Order ID:	E403278
Phone:	(575) 748-0176	Date Logged In:	03/28/24 16:45	Logged In By:	Alexa Michaels
Email:	Devon-team@etechenv.com	Due Date:	04/04/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403155

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403155
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 0.25'	E403155-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:46:32AM

FS01 0.25'

E403155-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/19/24	
Ethylbenzene	**0.0413**	0.0250	1	03/18/24	03/19/24	
Toluene	ND	0.0250	1	03/18/24	03/19/24	
o-Xylene	ND	0.0250	1	03/18/24	03/19/24	
p,m-Xylene	**0.0602**	0.0500	1	03/18/24	03/19/24	
Total Xylenes	**0.0602**	0.0250	1	03/18/24	03/19/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*03/18/24*	*03/19/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*03/18/24*	*03/19/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**3580**	250	10	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**1700**	500	10	03/18/24	03/19/24	
Surrogate: n-Nonane		*87.6 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**412**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:46:32AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:46:32AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:46:32AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:46:32AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:46

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page __1__ of __1__

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:16:46AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403155
Phone:	(575) 748-0176	Date Logged In:	03/18/24 08:52	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403156

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403156
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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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QC - Nonhalogenated Organics by EPA 8015D - GRO 7

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 8

QC - Anions by EPA 300.0/9056A 9

Definitions and Notes 10

Chain of Custody etc. 11

Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS02 0.25'	E403156-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:45:47AM

FS02 0.25'

E403156-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**1840**	50.0	2	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**749**	100	2	03/18/24	03/19/24	
Surrogate: n-Nonane		*171 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**1080**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:45:47AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:45:47AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:45:47AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:45:47AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:45

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page __1__ of __1__

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:17:07AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403156
Phone:	(575) 748-0176	Date Logged In:	03/18/24 08:59	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403157

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403157
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS03 0.25'	E403157-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:44:46AM

FS03 0.25'

E403157-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	**0.0449**	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	**0.0449**	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**127**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**201**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*79.2 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**460**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:44:46AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:44:46AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:44:46AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:44:46AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:44

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:17:27AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403157
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:04	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403158

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403158
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS04 0.25'	E403158-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:43:08AM

FS04 0.25'

E403158-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.9 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**2520**	500	20	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**1880**	1000	20	03/18/24	03/19/24	
Surrogate: n-Nonane		*88.7 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**102**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:43:08AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:43:08AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:43:08AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:43:08AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:43

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:17:52AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403158
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:12	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
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envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403159

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
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Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403159
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS05 0.25'	E403159-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS06 0.25'	E403159-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS07 0.25'	E403159-03A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS08 0.25'	E403159-04A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS09 0.25'	E403159-05A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

FS05 0.25'

E403159-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.4 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**1120**	50.0	2	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**546**	100	2	03/18/24	03/19/24	
Surrogate: n-Nonane		*84.1 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	ND	20.0	1	03/20/24	03/20/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

FS06 0.25'

E403159-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**35.6**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**66.8**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*84.1 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**177**	20.0	1	03/20/24	03/20/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

FS07 0.25'

E403159-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**2580**	250	10	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**1480**	500	10	03/18/24	03/19/24	
Surrogate: n-Nonane		*87.6 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**44.8**	20.0	1	03/20/24	03/20/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

FS08 0.25'

E403159-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**190**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**111**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*82.7 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**133**	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

FS09 0.25'

E403159-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.5 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**1650**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**702**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**170**	20.0	1	03/20/24	03/21/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:41:29AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:41

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:18:14AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403159
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:18	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403160

Job Number: 01058-007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403160
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS10 0.25'	E403160-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:40:25AM

FS10 0.25'

E403160-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*88.5 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**1510**	125	5	03/18/24	03/20/24	
Oil Range Organics (C28-C36)	**767**	250	5	03/18/24	03/20/24	
Surrogate: n-Nonane		*83.6 %*	*50-200*	*03/18/24*	*03/20/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**401**	20.0	1	03/20/24	03/21/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:40:25AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:40:25AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:40:25AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:40:25AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:40

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:18:36AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403160
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:25	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403161

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403161
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS11 0.25'	E403161-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS12 0.25'	E403161-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS13 0.25'	E403161-03A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

FS11 0.25'

E403161-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**76.5**	50.0	2	03/18/24	03/20/24	
Oil Range Organics (C28-C36)	**190**	100	2	03/18/24	03/20/24	
Surrogate: n-Nonane		*84.7 %*	*50-200*	*03/18/24*	*03/20/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	ND	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

FS12 0.25'

E403161-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*90.1 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**669**	125	5	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**793**	250	5	03/18/24	03/19/24	
Surrogate: n-Nonane		*88.3 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**183**	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

FS13 0.25'

E403161-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.0 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**2340**	50.0	2	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**954**	100	2	03/18/24	03/19/24	
Surrogate: n-Nonane		*87.2 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**113**	20.0	1	03/20/24	03/21/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:39:15AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:39

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

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Envirotech Analytical Laboratory

Printed: 3/19/2024 10:18:57AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403161
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:29	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403162

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403162
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS14 0.25'	E403162-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:36:26AM

FS14 0.25'

E403162-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Benzene	ND	0.0250	1	03/18/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/20/24	
Toluene	ND	0.0250	1	03/18/24	03/20/24	
o-Xylene	ND	0.0250	1	03/18/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/20/24	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2412008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*03/18/24*	*03/20/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**511**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**353**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*87.0 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**864**	20.0	1	03/20/24	03/21/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:36:26AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2412008-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.90	0.0250	5.00		98.0	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	4.98	0.0250	5.00		99.6	70-130			
o-Xylene	4.96	0.0250	5.00		99.1	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2412008-MS1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.21	0.0250	5.00	0.0413	103	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.0602	104	63-131			
Total Xylenes	15.7	0.0250	15.0	0.0602	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.0*	*70-130*			
Matrix Spike Dup (2412008-MSD1)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Benzene	4.95	0.0250	5.00	ND	98.9	54-133	2.14	20	
Ethylbenzene	5.11	0.0250	5.00	0.0413	101	61-133	1.93	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.78	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	2.01	20	
p,m-Xylene	10.2	0.0500	10.0	0.0602	101	63-131	1.98	20	
Total Xylenes	15.4	0.0250	15.0	0.0602	102	63-131	1.99	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:36:26AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412008-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2412008-BS2)									Prepared: 03/18/24 Analyzed: 03/19/24
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2412008-MS2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2412008-MSD2)				**Source: E403155-01**					Prepared: 03/18/24 Analyzed: 03/20/24
Gasoline Range Organics (C6-C10)	60.8	20.0	50.0	ND	122	70-130	4.05	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:36:26AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 10:36:26AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 10:36

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

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Envirotech Analytical Laboratory

Printed: 3/19/2024 10:19:20AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403162
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:35	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403163

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403163
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS15 0.25'	E403163-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS16 0.25'	E403163-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS17 0.25'	E403163-03A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS18 0.25'	E403163-04A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS19 0.25'	E403163-05A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

FS15 0.25'

E403163-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.1 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**37.3**	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**50.1**	50.0	1	03/19/24	03/19/24	
Surrogate: n-Nonane		*84.6 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**96.1**	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

FS16 0.25'

E403163-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.7 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**80.3**	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**63.1**	50.0	1	03/19/24	03/19/24	
Surrogate: n-Nonane		*89.1 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**65.6**	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

FS17 0.25'

E403163-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.6 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**1650**	125	5	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**1040**	250	5	03/19/24	03/19/24	
Surrogate: n-Nonane		*81.2 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**56.2**	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

FS18 0.25'

E403163-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.7 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**447**	50.0	2	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**451**	100	2	03/19/24	03/19/24	
Surrogate: n-Nonane		*85.5 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	ND	20.0	1	03/20/24	03/21/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

FS19 0.25'

E403163-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**239**	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**166**	50.0	1	03/19/24	03/19/24	
Surrogate: n-Nonane		*86.3 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412054
Chloride	**90.3**	20.0	1	03/20/24	03/21/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412027-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.9*		*50.0*		*87.8*	*50-200*			
LCS (2412027-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	*41.9*		*50.0*		*83.7*	*50-200*			
Matrix Spike (2412027-MS1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	550	50.0	250	447	41.4	38-132			
Surrogate: n-Nonane	*42.5*		*50.0*		*85.1*	*50-200*			
Matrix Spike Dup (2412027-MSD1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	553	50.0	250	447	42.6	38-132	0.539	20	
Surrogate: n-Nonane	*43.2*		*50.0*		*86.4*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:43:11PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412054-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412054-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2412054-BSD1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	255	20.0	250		102	90-110	1.38	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:43

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.

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

Client: Devon Energy Production Co LP	Bill To	Lab Use Only	TAT				EPA Program	
Project: Todd 22 B Fed 2	Attention: Jim Raley	Lab WO# E403163	Job Number 01053-0007	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Gilbert Moreno	Address: 5315 Buena Vista Dr.						5 day TAT		
Address: 13000 W County Rd 100	City, State, Zip: Carlsbad, NM, 88220	Analysis and Method							RCRA
City, State, Zip_Odessa,TX, 79765	Phone: 575-885-7502							State	
Phone: 432-305-6414	Email: jim.raley@dvn.com							NM CO UT AZ TX	
Email: Devon-team@etechenv.com	WO: 1061476201 – NM PERMIAN ABANDON							x	
	Incident ID: nLRN0428054360								
Collected by: Edyte Konan									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
11:20	03.14.24	S	1	FS15	1	0.25'								X				
11:30	03.14.24	S	1	FS16	2	0.25'								X				
11:40	03.14.24	S	1	FS17	3	0.25'								X				
11:50	03.14.24	S	1	FS18	4	0.25'								X				
12:00	03.14.24	S	1	FS19	5	0.25'								X				

03/15/2024

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	03/15/2024	09:00		3-15-24	0900
	3-15-24	1300		3.15.24	1700
	3-15-24	2400		3/18/24	0830

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:19:40AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403163
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:39	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403164

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403164
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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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Office: 505-632-1881
labadmin@envirotech-inc.com

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ljarboe@envirotech-inc.com

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Client Representative
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS20 0.25'	E403164-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:40:14PM

FS20 0.25'

E403164-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**669**	25.0	1	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**481**	50.0	1	03/18/24	03/19/24	
Surrogate: n-Nonane		*87.7 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412058
Chloride	**1530**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:40:14PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:40:14PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:40:14PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:40:14PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412058-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412058-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2412058-MS1)				**Source: E403179-01**					Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	270	20.0	250	22.5	98.8	80-120			
Matrix Spike Dup (2412058-MSD1)				**Source: E403179-01**					Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	271	20.0	250	22.5	99.2	80-120	0.395	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:40

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page __1__ of __1__

Client: Devon Energy Production Co LP	
Project: Todd 22 B Fed 2	
Project Manager: Gilbert Moreno	
Address: 13000 W County Rd 100	
City, State, Zip_Odessa,TX, 79765	
Phone: 432-305-6414	
Email: Devon-team@etechenv.com	
Collected by: Edyte Konan	

Bill To	
Attention: Jim Raley	
Address: 5315 Buena Vista Dr.	
City, State, Zip: Carlsbad, NM, 88220	
Phone: 575-885-7502	
Email: jim.raley@dvn.com	
WO: 1061476201 – NM PERMIAN ABANDON	
Incident ID: nLRN0428054360	

Lab Use Only		TAT				EPA Program	
Lab WO# E403164	Job Number 01058-0007	1D	2D	3D	Standard 5 day TAT	CWA	SDWA
							RCRA

State					
NM	CO	UT	AZ	TX	
x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
12:10	03.14.24	S	1	FS20	1	0.25'								x				

03/15/2024

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	03.15.24	09:00	03/15/2024 [signature]	3-15-24	0900
[signature]	3.15.24	1300	[signature]	3.15.24	1700
[signature]	3.15.24	2400	[signature]	3/18/24	0830

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:19:59AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403164
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:46	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403165

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403165
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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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Office: 505-632-1881
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS21 0.25'	E403165-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:39:24PM

FS21 0.25'

E403165-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412017
Diesel Range Organics (C10-C28)	**1750**	125	5	03/18/24	03/19/24	
Oil Range Organics (C28-C36)	**1110**	250	5	03/18/24	03/19/24	
Surrogate: n-Nonane		*88.9 %*	*50-200*	*03/18/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2412058
Chloride	**89.9**	20.0	1	03/20/24	03/20/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:39:24PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:39:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:39:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412017-BLK1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
LCS (2412017-BS1)									Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.3*	*50-200*			
Matrix Spike (2412017-MS1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*50-200*			
Matrix Spike Dup (2412017-MSD1)				**Source: E403153-01**					Prepared: 03/18/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132	3.22	20	
Surrogate: n-Nonane	*42.2*		*50.0*		*84.3*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:39:24PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412058-BLK1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412058-BS1)									Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2412058-MS1)				**Source: E403179-01**					Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	270	20.0	250	22.5	98.8	80-120			
Matrix Spike Dup (2412058-MSD1)				**Source: E403179-01**					Prepared: 03/20/24 Analyzed: 03/20/24
Chloride	271	20.0	250	22.5	99.2	80-120	0.395	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:39

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 10:20:23AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403165
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:50	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403166

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403166
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS22 0.25'	E403166-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS23 0.25'	E403166-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

FS22 0.25'

E403166-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.9 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**2130**	125	5	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**1500**	250	5	03/19/24	03/19/24	
Surrogate: n-Nonane		*86.9 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	**100**	20.0	1	03/19/24	03/19/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

FS23 0.25'

E403166-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**2860**	250	10	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	**2180**	500	10	03/19/24	03/19/24	
Surrogate: n-Nonane		*90.9 %*	*50-200*	*03/19/24*	*03/19/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	**142**	20.0	1	03/19/24	03/19/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412027-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.9*		*50.0*		*87.8*	*50-200*			
LCS (2412027-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	*41.9*		*50.0*		*83.7*	*50-200*			
Matrix Spike (2412027-MS1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	550	50.0	250	447	41.4	38-132			
Surrogate: n-Nonane	*42.5*		*50.0*		*85.1*	*50-200*			
Matrix Spike Dup (2412027-MSD1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	553	50.0	250	447	42.6	38-132	0.539	20	
Surrogate: n-Nonane	*43.2*		*50.0*		*86.4*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:38:26PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412035-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	ND	20.0							
LCS (2412035-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	250	20.0	250		100	90-110			
LCS Dup (2412035-BSD1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	251	20.0	250		100	90-110	0.253	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:38

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 12:19:19PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403166
Phone:	(575) 748-0176	Date Logged In:	03/18/24 09:56	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403167

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403167
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS24 0.25'	E403167-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS25 0.25'	E403167-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

FS24 0.25'

E403167-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**901**	50.0	2	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	**497**	100	2	03/19/24	03/20/24	
Surrogate: n-Nonane		*91.2 %*	*50-200*	*03/19/24*	*03/20/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	ND	20.0	1	03/19/24	03/19/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

FS25 0.25'

E403167-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412027
Diesel Range Organics (C10-C28)	**1450**	250	10	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	**1810**	500	10	03/19/24	03/20/24	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*03/19/24*	*03/20/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	ND	20.0	1	03/19/24	03/19/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412027-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.9*		*50.0*		*87.8*	*50-200*			
LCS (2412027-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	*41.9*		*50.0*		*83.7*	*50-200*			
Matrix Spike (2412027-MS1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	550	50.0	250	447	41.4	38-132			
Surrogate: n-Nonane	*42.5*		*50.0*		*85.1*	*50-200*			
Matrix Spike Dup (2412027-MSD1)				**Source: E403163-04**					Prepared: 03/19/24 Analyzed: 03/19/24
Diesel Range Organics (C10-C28)	553	50.0	250	447	42.6	38-132	0.539	20	
Surrogate: n-Nonane	*43.2*		*50.0*		*86.4*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:37:34PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412035-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	ND	20.0							
LCS (2412035-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	250	20.0	250		100	90-110			
LCS Dup (2412035-BSD1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	251	20.0	250		100	90-110	0.253	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:37

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 12:19:48PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403167
Phone:	(575) 748-0176	Date Logged In:	03/18/24 10:01	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403168

Job Number: 01058-0007

Received: 3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

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: 3/22/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403168
Date Received: 3/18/2024 8:30:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 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:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS26 0.25'	E403168-01A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.
FS27 0.25'	E403168-02A	Soil	03/14/24	03/18/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

FS26 0.25'

E403168-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.5 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412052
Diesel Range Organics (C10-C28)	**471**	125	5	03/20/24	03/21/24	
Oil Range Organics (C28-C36)	**361**	250	5	03/20/24	03/21/24	
Surrogate: n-Nonane		*91.3 %*	*50-200*	*03/20/24*	*03/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	**1720**	20.0	1	03/19/24	03/19/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

FS27 0.25'

E403168-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Benzene	ND	0.0250	1	03/18/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/18/24	03/21/24	
Toluene	ND	0.0250	1	03/18/24	03/21/24	
o-Xylene	ND	0.0250	1	03/18/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/18/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/18/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2412011
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*03/18/24*	*03/21/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2412052
Diesel Range Organics (C10-C28)	**3020**	250	10	03/20/24	03/21/24	
Oil Range Organics (C28-C36)	**1450**	500	10	03/20/24	03/21/24	
Surrogate: n-Nonane		*98.1 %*	*50-200*	*03/20/24*	*03/21/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2412035
Chloride	**654**	20.0	1	03/19/24	03/19/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
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	*7.59*		*8.00*		*94.9*	*70-130*			
LCS (2412011-BS1)									Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.0	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike (2412011-MS1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.65	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			
Matrix Spike Dup (2412011-MSD1)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Benzene	4.80	0.0250	5.00	ND	96.1	54-133	3.31	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	3.93	20	
Toluene	4.98	0.0250	5.00	ND	99.7	61-130	3.53	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	3.95	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	4.04	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412011-BLK1)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.09*		*8.00*		*88.6*	*70-130*			
LCS (2412011-BS2)									Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2412011-MS2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike Dup (2412011-MSD2)				**Source: E403164-01**					Prepared: 03/18/24 Analyzed: 03/21/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412052-BLK1)									Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.3*		*50.0*		*92.6*	*50-200*			
LCS (2412052-BS1)									Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	292	25.0	250		117	38-132			
Surrogate: n-Nonane	*45.6*		*50.0*		*91.1*	*50-200*			
Matrix Spike (2412052-MS1)				**Source: E403168-01**					Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	779	125	250	471	123	38-132			
Surrogate: n-Nonane	*45.6*		*50.0*		*91.2*	*50-200*			
Matrix Spike Dup (2412052-MSD1)				**Source: E403168-01**					Prepared: 03/20/24 Analyzed: 03/21/24
Diesel Range Organics (C10-C28)	797	125	250	471	130	38-132	2.28	20	
Surrogate: n-Nonane	*44.8*		*50.0*		*89.6*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	3/22/2024 1:36:10PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2412035-BLK1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	ND	20.0							
LCS (2412035-BS1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	250	20.0	250		100	90-110			
LCS Dup (2412035-BSD1)									Prepared: 03/19/24 Analyzed: 03/19/24
Chloride	251	20.0	250		100	90-110	0.253	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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	03/22/24 13:36

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

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

| | | |

Envirotech Analytical Laboratory

Printed: 3/19/2024 12:20:14PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/18/24 08:30	Work Order ID:	E403168
Phone:	(575) 748-0176	Date Logged In:	03/18/24 10:13	Logged In By:	Angelina Pineda
Email:		Due Date:	03/22/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Gilbert Moreno



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 22 B Fed 2

Work Order: E403283

Job Number: 01058-0007

Received: 3/29/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/4/24

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

Date Reported: 4/4/24

Gilbert Moreno
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 22 B Fed 2
Workorder: E403283
Date Received: 3/29/2024 7:15:00AM

Gilbert Moreno,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/29/2024 7:15:00AM, under the Project Name: Todd 22 B Fed 2.

The analytical test results summarized in this report with the Project Name: Todd 22 B Fed 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/04/24 13:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 0 -0.25'	E403283-01A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.
SW02 0 -0.25'	E403283-02A	Soil	03/26/24	03/29/24	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

SW01 0 -0.25'

E403283-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2413120
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2413120
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*78.8 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413126
Chloride	ND	20.0	1	03/29/24	03/29/24	

Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

SW02 0 -0.25'

E403283-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2413120
Benzene	ND	0.0250	1	03/29/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/29/24	04/02/24	
Toluene	ND	0.0250	1	03/29/24	04/02/24	
o-Xylene	ND	0.0250	1	03/29/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/29/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/29/24	04/02/24	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2413120
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/24	04/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*03/29/24*	*04/02/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2414004
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		*79.2 %*	*50-200*	*04/01/24*	*04/02/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2413126
Chloride	ND	20.0	1	03/29/24	03/29/24	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413120-BLK1)									Prepared: 03/29/24 Analyzed: 04/02/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.70*		*8.00*		*96.3*	*70-130*			
LCS (2413120-BS1)									Prepared: 03/29/24 Analyzed: 04/02/24
Benzene	4.73	0.0250	5.00		94.6	70-130			
Ethylbenzene	4.59	0.0250	5.00		91.8	70-130			
Toluene	4.72	0.0250	5.00		94.3	70-130			
o-Xylene	4.66	0.0250	5.00		93.2	70-130			
p,m-Xylene	9.41	0.0500	10.0		94.1	70-130			
Total Xylenes	14.1	0.0250	15.0		93.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*97.0*	*70-130*			
Matrix Spike (2413120-MS1)				**Source: E403275-11**					Prepared: 03/29/24 Analyzed: 04/02/24
Benzene	5.33	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.16	0.0250	5.00	ND	103	61-133			
Toluene	5.32	0.0250	5.00	ND	106	61-130			
o-Xylene	5.26	0.0250	5.00	ND	105	63-131			
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131			
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.68*		*8.00*		*96.0*	*70-130*			
Matrix Spike Dup (2413120-MSD1)				**Source: E403275-11**					Prepared: 03/29/24 Analyzed: 04/02/24
Benzene	5.24	0.0250	5.00	ND	105	54-133	1.73	20	
Ethylbenzene	5.07	0.0250	5.00	ND	101	61-133	1.81	20	
Toluene	5.22	0.0250	5.00	ND	104	61-130	1.94	20	
o-Xylene	5.15	0.0250	5.00	ND	103	63-131	2.08	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	1.79	20	
Total Xylenes	15.5	0.0250	15.0	ND	103	63-131	1.89	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.66*		*8.00*		*95.8*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413120-BLK1)									Prepared: 03/29/24 Analyzed: 04/02/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*8.00*		*91.5*	*70-130*			
LCS (2413120-BS2)									Prepared: 03/29/24 Analyzed: 04/02/24
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.2*	*70-130*			
Matrix Spike (2413120-MS2)				**Source: E403275-11**					Prepared: 03/29/24 Analyzed: 04/02/24
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.39*		*8.00*		*92.3*	*70-130*			
Matrix Spike Dup (2413120-MSD2)				**Source: E403275-11**					Prepared: 03/29/24 Analyzed: 04/02/24
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.3	70-130	5.30	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.6*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2414004-BLK1)									Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*39.3*		*50.0*		*78.6*	*50-200*			
LCS (2414004-BS1)									Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	*40.9*		*50.0*		*81.8*	*50-200*			
Matrix Spike (2414004-MS1)				**Source: E403277-06**					Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	*39.0*		*50.0*		*78.0*	*50-200*			
Matrix Spike Dup (2414004-MSD1)				**Source: E403277-06**					Prepared: 04/01/24 Analyzed: 04/02/24
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.4	38-132	1.35	20	
Surrogate: n-Nonane	*39.3*		*50.0*		*78.6*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 22 B Fed 2	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Gilbert Moreno	4/4/2024 1:32:35PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413126-BLK1)									Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	ND	20.0							
LCS (2413126-BS1)									Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2413126-MS1)				**Source: E403279-05**					Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	647	20.0	250	319	131	80-120			M1
Matrix Spike Dup (2413126-MSD1)				**Source: E403279-05**					Prepared: 03/29/24 Analyzed: 03/29/24
Chloride	634	20.0	250	319	126	80-120	2.03	20	M1

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:	Todd 22 B Fed 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Gilbert Moreno	04/04/24 13:32

M1	Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Released to Imaging: 1/14/2025 10:17:19 AM
Received by OCD: 1/13/2025 8:58:04 AM

Project Information | Chain of Custody | Page 1 of 1

Client: Devon Energy Production Co LP	**Bill To**	Lab Use Only
Project: Todd 22 B Fed 2	Attention: Jim Raley	Lab WO# E403283
Project Manager: Gilbert Moreno	Address: 5315 Buena Vista Dr.	Job Number 01058-0007
Address: 13000 W County Rd 100	City, State, Zip: Carlsbad, NM, 88220	
City, State, Zip_Odessa,TX, 79765	Phone: 575-885-7502	
Phone: 432-305-6414	Email: jim.raley@dvn.com	
Email: Devon-team@etechenv.com	WO: 1061476201 – NM PERMIAN ABANDON	
	Incident ID: nLRN0428054360	
Collected by: Edyte Konan		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			5 day TAT		
					RCRA

State: NM x | CO | UT | AZ | TX |

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Depth(ft.)	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM		GDOC TX		Remarks
14:00	03.26.24	S	1	SW01	1	0-0.25'								X				
14:10	03.26.24	S	1	SW02	2	0-0.25'								X				

03/28/2024

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	03/28/24	0780	[signature]	3-28-24	0700
[signature]	3-2824	1700	[signature]	3.28.24	1915
[signature]	3.28.24	2400	[signature]	3/29/24	0715

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 3/29/2024 2:17:45PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/29/24 07:15	Work Order ID:	E403283
Phone:	(575) 748-0176	Date Logged In:	03/29/24 09:26	Logged In By:	Angelina Pineda
Email:	Devon-team@etechenv.com	Due Date:	04/04/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

envirotech Inc.

APPENDIX G

Correspondence & Notifications

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
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District IV
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 308784

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 308784
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nLRN0428054360**
Incident Name	**NLRN0428054360 TODD 22 B FEDERAL #002 @ 30-015-32203**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-32203] TODD 22 B FEDERAL #002**

Location of Release Source	
Site Name	**TODD 22 B FEDERAL #002**
Date Release Discovered	**09/20/2004**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	5,136
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/02/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414
Please provide any information necessary for navigation to sampling site	From the intersection of Jal Hwy 129/Red Rd turn east on Red Rd for approx 2.27 miles, turn east approx 1.57 miles to reach the Todd 22 Federal #002 wellpad on the right.

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CONDITIONS

Action 308784

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 308784
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/29/2024

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QUESTIONS

Action 325099

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 325099
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nLRN0428054360**
Incident Name	**NLRN0428054360 TODD 22 B FEDERAL #002 @ 30-015-32203**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-32203] TODD 22 B FEDERAL #002**

Location of Release Source	
Site Name	**TODD 22 B FEDERAL #002**
Date Release Discovered	**09/20/2004**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	5,136
What is the estimated number of samples that will be gathered	28
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/14/2024
Time sampling will commence	08:30 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Jal Hwy 129/Red Rd turn east on Red Rd for approx 2.27 miles, turn east approx 1.57 miles to reach the Todd 22 Federal #002 wellpad on the right.

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CONDITIONS

Action 325099

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 325099
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/20/2024

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QUESTIONS

Action 325091

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 325091
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nLRN0428054360**
Incident Name	**NLRN0428054360 TODD 22 B FEDERAL #002 @ 30-015-32203**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-32203] TODD 22 B FEDERAL #002**

Location of Release Source	
Site Name	**TODD 22 B FEDERAL #002**
Date Release Discovered	**09/20/2004**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	5,136
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/26/2024
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Gilbert Moreno at 432-305-6414 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of Jal Hwy 129/Red Rd turn east on Red Rd for approx 2.27 miles, turn east approx 1.57 miles to reach the Todd 22 Federal #002 wellpad on the right.

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CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 325091
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/20/2024

Abe Valladares

From: Erick Herrera
Sent: Wednesday, March 20, 2024 12:17 PM
To: OCD.Enviro@emnrd.nm.gov; blm_nm_cfo_spill@blm.gov
Cc: Raley, Jim; Devon-Team
Subject: (Devon Site Sampling Notification) Todd 22 B Federal #002 (nLRN0428054360) 9/20/04

Etech on behalf of Devon anticipates conducting soil sampling activities at the following site on March 26th, 2024:
Site Name: Todd 22 B Federal #002
Proposed Timeframe: 0830 – 1700 hrs.
Incident Number: nLRN0428054360
API: 30-015-32203
Below is the following information that will be added in the NMOCD portal website:

Sampling surface area:	5,136 sqft**.**
Estimated number of samples that will be gathered:	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	3/26/2024
Time sampling will commence:	0830 am
Contact information:	Please contact Gilbert Moreno at 432-305-6414 with any questions
Navigation to sampling site:	From the intersection of Jal Hwy 129/Red Rd turn east on Red Rd for approx 2.27 miles, turn east approx 1.57 miles to reach the Todd 22 Federal #002 wellpad on the right.

Thanks,

Erick Herrera
Staff Geologist

eTECH Environmental & Safety Solutions, Inc.

Work: (432) 305-6416
Cell: (281) 777-4152

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

General Information
Phone: (505) 629-6116

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

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 419801
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nLRN0428054360**
Incident Name	**NLRN0428054360 TODD 22 B FEDERAL #002 @ 30-015-32203**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**
Incident Well	**[30-015-32203] TODD 22 B FEDERAL #002**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	TODD 22 B FEDERAL #002
Date Release Discovered	09/20/2004
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: | | Crude Oil | Released: 4 BBL | Recovered: 2 BBL | Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Production Tank | Produced Water | Released: 446 BBL | Recovered: 426 BBL | Lost: 20 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 419801
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 01/13/2025

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 419801
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (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	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1720
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	17600
GRO+DRO (EPA SW-846 Method 8015M)	12300
BTEX (EPA SW-846 Method 8021B or 8260B)	10.8
Benzene (EPA SW-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 commence	03/01/2025
On what date will (or did) the final sampling or liner inspection occur	03/01/2025
On what date will (or was) the remediation complete(d)	12/31/2025
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	5400
What is the estimated volume (in cubic yards) that will be remediated	800
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 419801
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 01/13/2025
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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 419801
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 419801
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**325091**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**03/26/2024**
What was the (estimated) number of samples that were to be gathered	**2**
What was the sampling surface area in square feet	**5136**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 419801
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Variance request to utilize C-04712-POD4 is accepted with groundwater depth determined to be greater than 55'. Remediation plan is approved with groundwater depth determination being greater than 51' and below 100'.	1/14/2025
crystal.walker	Confirmation soil samples must consist of five-point composite samples and individual grab samples from any wet or discolored areas, representing a surface area of no more than 200 ft2 unless otherwise approved. Submit a report via the OCD permitting portal by August 20, 2024.	1/14/2025