



May 7, 2025

New Mexico Energy Minerals and Natural Resources Department

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Closure Request
Longview Fed 12 #014
Incident Number nAPP2433727130
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of WPX Energy Permian, LLC (WPX), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities at the Longview Fed 12 #014 (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of crude oil and produced water onto the well pad. Based on field observations, field screening activities, and soil sample laboratory analytical results, WPX is submitting this *Closure Request*, describing Site assessment, delineation, and excavation activities that have occurred and requesting no further action for Incident Number nAPP2433727130.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit A, Section 12, Township 23 South, Range 28 East, in Eddy County, New Mexico (32.32594°, -104.0343°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On November 29, 2024, the stuffing box on the wellhead developed a leak, resulting in the release of approximately 5 barrels (bbls) of crude oil and 5 bbls of produced water onto the caliche pad and 0 bbls were recovered. WPX reported the release to the New Mexico Oil Conservation Division (NMOCD) via on the NMOCD Portal December 02, 2024, and submitted a Release Notification Form C-141 (Form C-141) on December 05, 2024. The release was assigned Incident Number nAPP2433727130. The Form C-141 can be referenced on the NMOCD Portal.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C 04418, located approximately 0.48 miles east of the Site. The well

had a reported depth to groundwater greater than 55 feet below ground surface (bgs) and a total depth of 55 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a wetland, located approximately 1,185 feet southwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (medium potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

SITE ASSESSMENT ACTIVITIES

On March 06, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Beginning on March 11, 2025, seven preliminary soil samples (SS01 through SS07) were collected around the release extent at ground surface and 1-foot bgs to assess the lateral extent of the release area and five potholes (PH01 and PH05) were advanced within the release extent to assess the vertical extent of potentially impacted soil; pothole PH01 was advanced to a depth of 8 feet bgs, pothole PH02 was advanced to a depth of 13 feet bgs, potholes PH03 and PH05 were advanced to a depth of 1-foot bgs, and pothole PH04 was advanced to a depth of 2 feet bgs. On February 25, 2025, pothole PH02 was advanced via a drill rig to a depth of 52 feet bgs. On April 04, 2025, three additional delineation samples (SS08 through SS10) were collected around the release extent at ground surface level. The soil samples were field screened for chloride utilizing Hach® chloride QuanTab® test strips. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Field screening results and observations for the potholes/boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice and transported under strict chain-of-custody procedures to Envirotech Analysis Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Beginning on April 07, 2025, impacted soil was excavated via surface scrape from the release area as indicated by visible staining and delineation soil sampling results. Excavation activities were performed using a tracked excavator, hydro-vac, hand digging, and belly dump trucks. The excavation occurred around the wellhead. To direct excavation activities, Ensolum personnel screened soil for chloride and for TPH utilizing Hach® chloride QuanTab® test strips and a PetroFLAG® soil analyzer system, respectively.

Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing at least 200 square feet from the floor of the scrape. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS11, FS13 through FS20, and FS22 through FS40 were collected from the floor of the excavation, just beneath the scraped surface at 0.5 feet bgs. Composite soil sample FS12 was collected at a depth of 1.5 feet bgs and composite soil sample FS21 was collected at 1-foot bgs. Due to the shallow nature of the excavation, sidewall soil samples were incorporated into the floor confirmation samples. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 7,872 square feet. A total of approximately 310 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Northern Delaware Basin Landfill, New Mexico. After completion of confirmation sampling, the excavation areas were secured with fencing.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples SS01, SS02, SS04 and SS06 through SS09 were all in compliance with the strictest Closure Criteria per NMOCD Table I at ground surface. Laboratory analytical results for preliminary soil samples SS03, SS05 and SS10 were all in compliance with the Site Closure Criteria. Laboratory analytical results for potholes PH01 through PH05 indicated chloride exceeded the Site Closure Criteria at the ground surface but were in compliance with all COC related Site Closure Criteria beneath the immediate ground surface. Laboratory analytical results for pothole PH01 indicated all COCs were in compliance with the strictest Closure Criteria at 8 feet bgs. Laboratory analytical results for pothole PH02 indicated all COCs were in compliance with the strictest Closure Criteria at 52 feet bgs. Laboratory analytical results for potholes PH03 and PH05 indicated all COCs were in compliance with the strictest Closure Criteria at 1-foot bgs. Laboratory analytical results for pothole PH04 indicated all COCs were in compliance with the strictest Closure Criteria at 2 feet bgs.

Laboratory analytical results for excavation floor soil samples FS01 through FS40 indicated all COC concentrations were compliant with the Site Closure Criteria at depths ranging from 0.5 feet to 1.5 feet bgs. Laboratory analytical results are summarized in Tables 1 through 2 and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the November 2024 release of crude oil and produced water. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with

the Site Closure Criteria. Based on the soil sample analytical results, no further remediation was required.

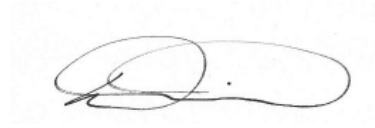
Excavation of impacted and waste-containing soil has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be greater than 55 feet bgs and no other sensitive receptors were identified near the release extent. WPX believes these remedial actions are protective of human health, the environment, and groundwater. As such, WPX respectfully requests closure for Incident Number nAPP2433727130.

If you have any questions or comments, please contact Ms. Ashley Giovengo at (575) 988-0055 or agiovengo@ensolum.com.

Sincerely,
Ensolum, LLC



Ashley Giovengo
Associate Principal



Daniel R. Moir, PG (licensed in WY & TX)
Senior Managing Geologist

cc: Jim Raley, WPX
BLM

Appendices:

| | |
|------------|--|
| Figure 1 | Site Receptor Map |
| Figure 2 | Delineation Soil Sample Locations |
| Figure 3 | Excavation Soil Sample Locations |
| Table 1 | Soil Sample Analytical Results (Delineation Soil Samples) |
| Table 2 | Soil Sample Analytical Results (Excavation Soil Samples) |
| Appendix A | Well Log and Record |
| Appendix B | Photographic Log |
| Appendix C | Lithologic Soil Sampling Logs |
| Appendix D | Laboratory Analytical Reports & Chain-of-Custody Documentation |
| Appendix E | NMOCD Correspondence |



FIGURES

Site Receptor Map

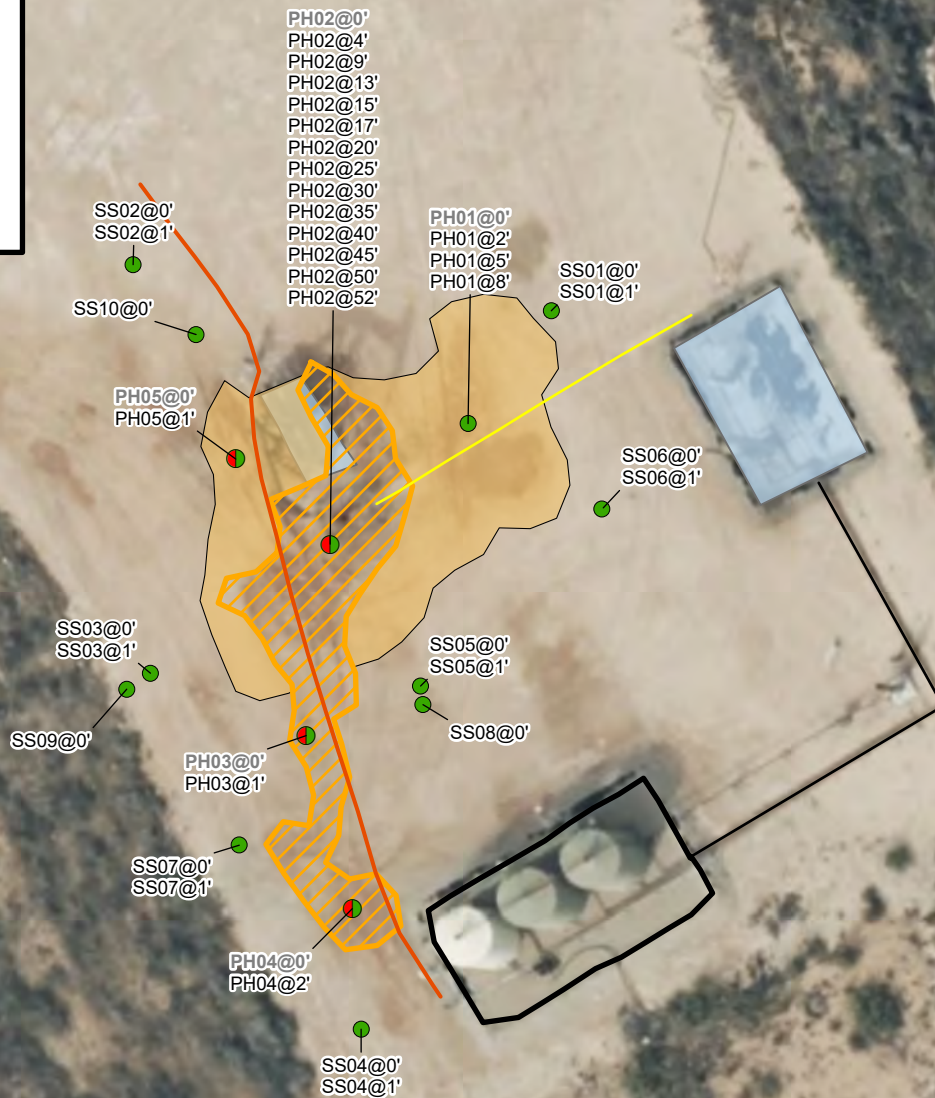
WPX Energy Permian, LLC
Longview Fed 12 #014
Incident Number: nAPP2433727130
Unit A, Section 12, T 23S, R 28E
Eddy County, New Mexico

FIGURE

1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Surface Line
- Berm
- Production Equipment
- Mist Zone
- Pooled Zone

**Notes:**

Sample ID @ Depth Below Ground Surface.
 Samples in bold indicate sample exceeded applicable closure criteria.
 Grey text indicate soil sample was removed during excavation activities.

0 12.5 25 50 75 100
 Feet

Sources: Environmental Systems Research Institute (ESRI)

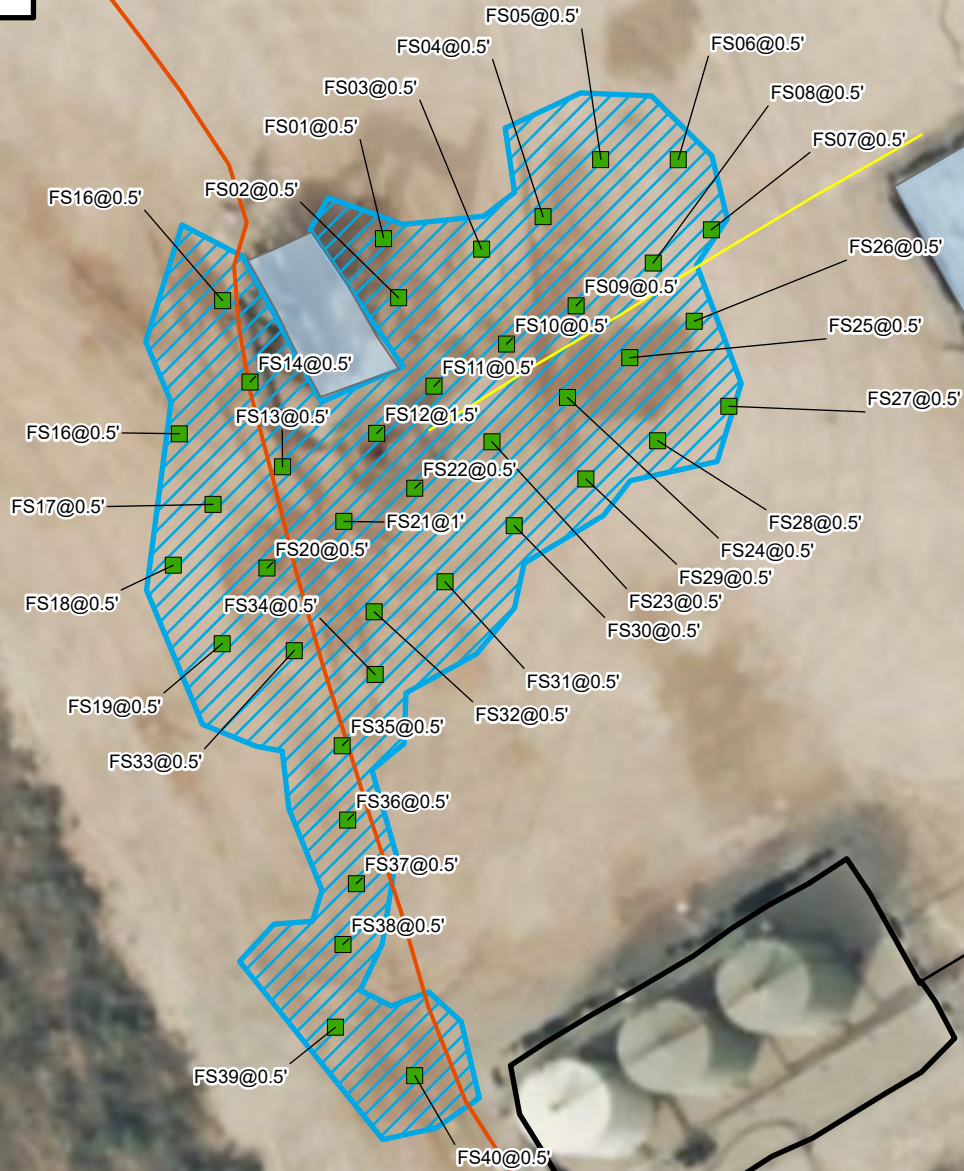
Delineation Soil Sample Locations

WPX Energy Permian, LLC
 Longview Fed 12 #014
 Incident Number: nAPP2433727130
 Unit A, Section 12, T 23S, R 28E
 Eddy County, New Mexico

FIGURE**2**

Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Surface Line
- Excavation Extent
- Berm
- Production Equipment



Notes:
Sample ID @ Depth Below Ground Surface.

0 5 10 20 30 40
Feet

Sources: Environmental Systems Research Institute (ESRI)

Confirmation Soil Sample Location

WPX Energy Permian, LLC
Longview Fed 12 #014
Incident Number: nAPP2433727130
Unit A, Section 12, T 23S, R 28E
Eddy County, New Mexico

FIGURE

3





TABLES

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Longview Fed 12 #014
 WPX Energy Permian, LLC
 Eddy County, New Mexico

| Sample Designation | Date | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 10,000 |
| Delineation Soil Samples | | | | | | | | | | |
| SS01 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 170 |
| SS01 | 1/15/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 122 |
| SS02 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 473 |
| SS02 | 1/15/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 140 |
| SS03 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 553 |
| SS03 | 1/15/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | 101 | <25.0 | 101 | 428 |
| SS04 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 184 |
| SS04 | 1/15/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | 68.8 | <25.0 | 68.8 | 113 |
| SS05 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 731 |
| SS05 | 1/15/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | 64.9 | <25.0 | 64.9 | 224 |
| SS06 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 310 |
| SS06 | 1/15/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 204 |
| SS07 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 111 |
| SS07 | 1/15/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | 86.1 | <25.0 | 86.1 | 118 |
| SS08 | 4/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 121 |
| SS09 | 4/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 74.1 |
| SS10 | 4/30/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,640 |
| PH01 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 27.2 | 54.1 | 27.2 | 81.3 | 8,070 |
| PH01 | 1/15/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 958 |
| PH01 | 1/15/2025 | 5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,620 |
| PH01 | 1/15/2025 | 8 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 374 |

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<": Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 1 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Longview Fed 12 #014
 WPX Energy Permian, LLC
 Eddy County, New Mexico

| Sample Designation | Date | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 10,000 |
| Delineation Soil Samples | | | | | | | | | | |
| PH02 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 238 | 145 | 238 | 383 | 25,800 |
| PH02 | 1/15/2025 | 4 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,630 |
| PH02 | 1/15/2025 | 9 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,840 |
| PH02 | 1/15/2025 | 13 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,720 |
| PH02 | 2/25/2025 | 15 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 518 |
| PH02 | 2/25/2025 | 17 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 662 |
| PH02 | 2/25/2025 | 20 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,100 |
| PH02 | 2/25/2025 | 25 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,100 |
| PH02 | 2/25/2025 | 30 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,020 |
| PH02 | 2/25/2025 | 35 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,790 |
| PH02 | 2/25/2025 | 40 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,680 |
| PH02 | 2/25/2025 | 45 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 3,410 |
| PH02 | 2/25/2025 | 50 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,680 |
| PH02 | 2/25/2025 | 52 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 213 |
| PH03 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 22,200 |
| PH03 | 1/15/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 375 |
| PH04 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 14,200 |
| PH04 | 1/15/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 20.8 |
| PH05 | 1/15/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 108 | 89.7 | 108 | 198 | 8,610 |
| PH05 | 1/15/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | 54.0 | <25.0 | 54.0 | 261 |

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<": Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 Longview Fed 12 #014
 WPX Energy Permian, LLC
 Eddy County, New Mexico

| Sample Designation | Date | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|--|----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 10,000 |
| Excavation Floor Soil Samples | | | | | | | | | | |
| FS01 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,970 |
| FS02 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 5,720 |
| FS03 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 755 |
| FS04 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,730 |
| FS05 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,540 |
| FS06 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 449 |
| FS07 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,460 |
| FS08 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,540 |
| FS09 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,600 |
| FS10 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 830 |
| FS11 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 46.2 | 66.2 | 46.2 | 112.4 | 3,640 |
| FS12 | 4/8/2025 | 1.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 6,670 |
| FS13 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 236 | 169 | 236 | 405 | 2,850 |
| FS14 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 55.9 | 100 | 55.9 | 155.9 | 2,580 |
| FS15 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,020 |
| FS16 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 674 |
| FS17 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | 69.1 | <25.0 | 69.1 | 1,210 |
| FS18 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 768 |
| FS19 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 429 |
| FS20 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 29.8 | 57.2 | 29.8 | 87 | 2,760 |
| FS21 | 4/8/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | 64.5 | <25.0 | 64.5 | 2,010 |
| FS22 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 65.4 | 63.8 | 65.4 | 129.2 | 6,020 |
| FS23 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 55.6 | 70.3 | 55.6 | 125.9 | 2,910 |
| FS24 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 53.4 | 84.3 | 53.4 | 137.7 | 1,430 |
| FS25 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,600 |
| FS26 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,490 |
| FS27 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,070 |
| FS28 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,220 |
| FS29 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 792 |
| FS30 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,010 |



TABLE 2 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Longview Fed 12 #014
 WPX Energy Permian, LLC
 Eddy County, New Mexico

| Sample Designation | Date | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|--|----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 10,000 |
| Excavation Floor Soil Samples | | | | | | | | | | |
| FS31 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 30.4 | <50.0 | 30.4 | 30.4 | 1,980 |
| FS32 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 36.1 | 88.0 | 36.1 | 124.1 | 1,480 |
| FS33 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 50.0 | <50.0 | 50 | 50.0 | 4,520 |
| FS34 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 60.7 | 53.3 | 60.7 | 114 | 2,930 |
| FS35 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 28.5 | 99.8 | 28.5 | 128.3 | 2,120 |
| FS36 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | 54.6 | 167.0 | 54.6 | 221.6 | 2,300 |
| FS37 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,660 |
| FS38 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 2,650 |
| FS39 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,350 |
| FS40 | 4/8/2025 | 0.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 4,770 |

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<: Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Well Log and Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

SEVEN EIGHT TWO

| | | | | | | | | |
|---|---|-----------------------------|---|---|--|---|--------------------------------------|--------------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NO. (WELL NO.) POD1 | | WELL TAG ID NO. Well Tag ID Not Issued | | OSE FILE NO(S). C 04418 | | | |
| | WELL OWNER NAME(S) WPX Energy | | | | PHONE (OPTIONAL) | | | |
| | WELL OWNER MAILING ADDRESS 5315 Buena Vista Drive | | | | CITY Carlsbad | STATE NM | ZIP 88220 | |
| | WELL LOCATION (FROM GPS) | DEGREES 32 | MINUTES 19 | SECONDS 29.6 | N | * ACCURACY REQUIRED: ONE TENTH OF A SECOND | | |
| | LONGITUDE -104 | 02 | 33.7 | W | * DATUM REQUIRED: WGS 84 | | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE C-12-23S-28E; Longview Federal 12-15 | | | | | | | | |
| 2. DRILLING & CASING INFORMATION | LICENSE NO. 1789 | | NAME OF LICENSED DRILLER Mark Mumby | | | NAME OF WELL DRILLING COMPANY HRL Compliance Solutions | | |
| | DRILLING STARTED 3/31/2020 | DRILLING ENDED 3/31/2020 | DEPTH OF COMPLETED WELL (FT) 55 | BORE HOLE DEPTH (FT) 55 | DEPTH WATER FIRST ENCOUNTERED (FT) Water was not encountered | | | |
| | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED) | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) Water was not present in the well after 48-hour | | | |
| | DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY: | | | | | | | |
| | DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger | | | | | | | |
| | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
| | FROM | TO | | | | | | |
| | 0 | 45 | 6.25 | Blank PVC | Flush Thread | 2.0 | 0.154 | 0.010 |
| | 45 | 55 | 6.25 | Factory Slotted PVC Screen | Flush Thread | 2.0 | 0.154 | 0.010 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | AMOUNT (cubic feet) | METHOD OF PLACEMENT | | |
| | FROM | TO | | | | | | |
| | | | | No Annular Seal Material or Gravel Pack | None | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |


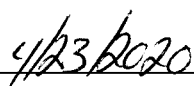
FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

| | | |
|------------------------------|--------------------|----------------|
| FILE NO. C-4418 | POD NO. 1 | TRN NO. 670356 |
| LOCATION 214 T23S R28E Sec12 | WELL TAG ID NO. NA | PAGE 1 OF 2 |

| 4. HYDROGEOLOGIC LOG OF WELL | | | | | |
|---|----|---------------------|--|--------------------------------------|--|
| DEPTH (feet bgl) | | 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) |
| FROM | TO | | | | |
| 0 | 55 | 55 | Silt/Sand with Interbedded caliche | Y ✓ N | 0.00 |
| | | | | 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: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY: Water Not Encountered | | | | 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: Well was drilled to determine depth to groundwater in the area. The well was a temporary well. The well was monitored for the presence of water 48-hours after drilling was complete; water was not encountered in the well at this time. The well was subsequently abandoned on 4/3/2020. | |
| PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Kalvin (Kelly) Padilla | |

| 6. SIGNATURE |
|---|
| BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING. <div style="display: flex; justify-content: space-between;"><div> SIGNATURE OF DRILLER / PRINT SIGNEE NAME</div><div>Mark Mumby</div><div> DATE</div></div> |

| | | | |
|----------------------|--------|--|-------------|
| FOR OSE INTERNAL USE | | WR-20 WELL RECORD & LOG (Version 04/30/2019) | |
| FILE NO. | C-4418 | POD NO. | 1 |
| LOCATION | | WELL TAG ID NO. | PAGE 2 OF 2 |
| 214 T235 R38E S. 12 | | 11A | |

John R. D Antonio, Jr., P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

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

Trn Nbr: 670356
File Nbr: C 04418
Well File Nbr: C 04418 POD1

Jun. 09, 2020

LYNDA LAUMBACH
WPX ENERGY
5315 BUENA VISTA DRIVE
CARLSBAD, NM 88220

Greetings:

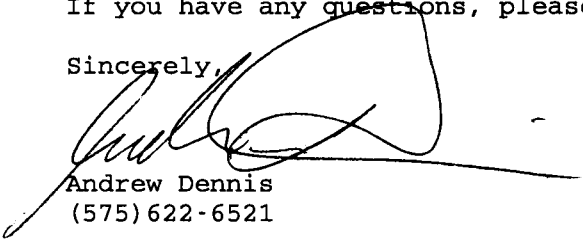
The above numbered permit was issued in your name on 03/26/2020.

The Well Record was received in this office on 05/26/2020, stating that it had been completed on 03/31/2020, 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 03/26/2021.

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

Sincerely,


Andrew Dennis
(575) 622-6521

drywell



APPENDIX B

Photographic Log



Photographic Log

WPX Energy Permian, LLC

Longview Federal 12 #014

nAPP2433727130



Photograph 1

Date:11/29/2024

Description: Sign

View: NA



Photograph 2

Date:11/29/2024

Description: Initial Spill

View: NA

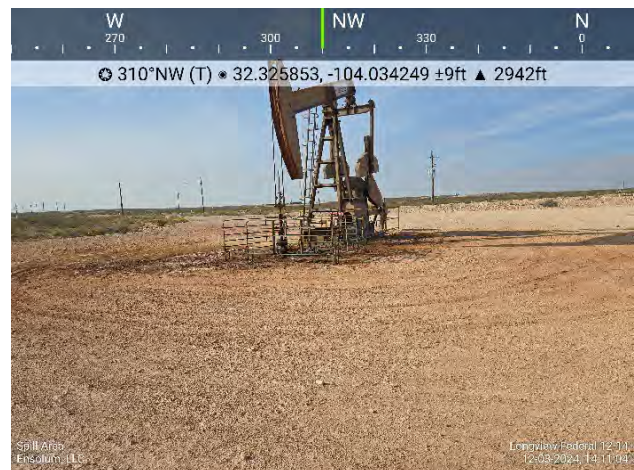


Photograph 3

Date:11/29/2024

Description: Initial Spill

View: NA



Photograph 4

Date:12/03/2024

Description: Spill Area

View: Northwest



Photographic Log

WPX Energy Permian, LLC

Longview Federal 12 #014

nAPP2433727130

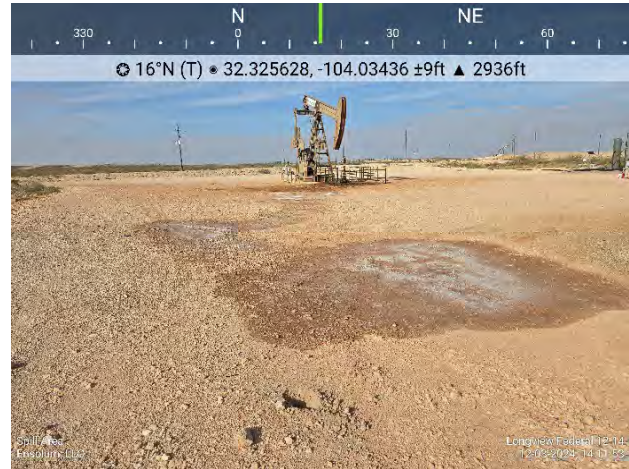


Photograph 5

Date:12/03/2024

Description: Spill Area

View: Northwest

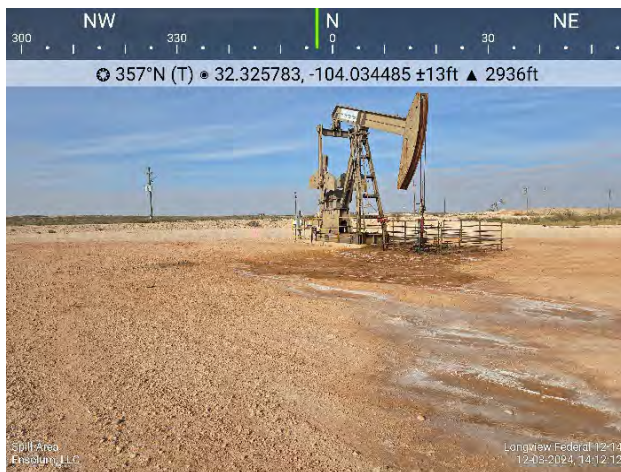


Photograph 6

Date:12/03/2024

Description: Spill Area

View: North



Photograph 7

Date:12/03/2024

Description: Spill Area

View: North



Photograph 8

Date:12/03/2024

Description: Spill Area

View: East



Photographic Log

WPX Energy Permian, LLC

Longview Federal 12 #014

nAPP2433727130



Photograph 9

Date:12/04/2024

Description: Spill Area

View: Southwest



Photograph 10

Date:12/04/2024

Description: Spill Area

View: Southwest



Photograph 11

Date:12/04/2024

Description: Spill Area

View: South



Photograph 12

Date:12/04/2024

Description: Spill Area

View: North



Photographic Log

WPX Energy Permian, LLC

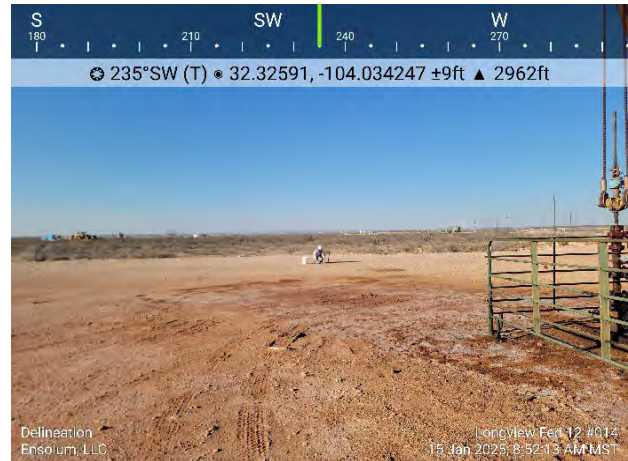
Longview Federal 12 #014

nAPP2433727130



Photograph 13
Description: Delineation
View: Southwest

Date:1/15/2025



Photograph 14
Description: Delineation
View: Southwest

Date:1/15/2025



Photograph 15
Description: Delineation
View: Southwest

Date:1/15/2025



Photograph 16
Description: Delineation
View: West

Date:1/15/2025



Photographic Log

WPX Energy Permian, LLC

Longview Federal 12 #014

nAPP2433727130



Photograph 17
Description: PH02
View: Northwest

Date:2/25/2025



Photograph 18
Description: PH02
View: Northwest

Date:2/25/2025



Photograph 19
Description: PH02
View: North

Date:2/25/2025



Photograph 20
Description: PH02 covered
View: East

Date:2/25/2025



Photographic Log

WPX Energy Permian, LLC

Longview Federal 12 #014

nAPP2433727130



Photograph 21
Description: Excavation
View: West

Date:4/7/2025



Photograph 22
Description: Excavation
View: West

Date:4/7/2025



Photograph 23
Description: Excavation
View: North

Date:4/7/2025



Photograph 24
Description: Excavation
View: North

Date:4/7/2025

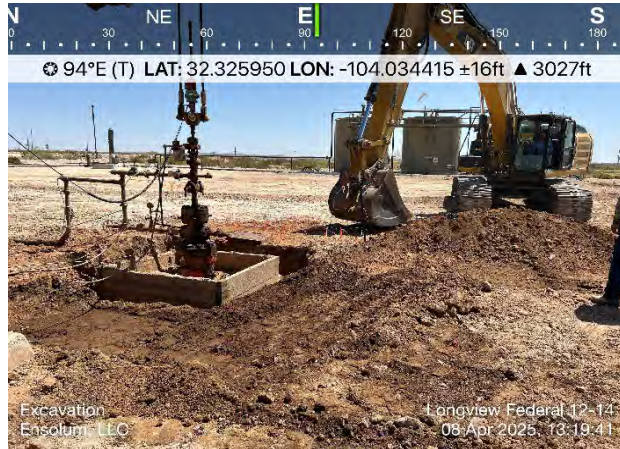


Photographic Log

WPX Energy Permian, LLC

Longview Federal 12 #014

nAPP2433727130



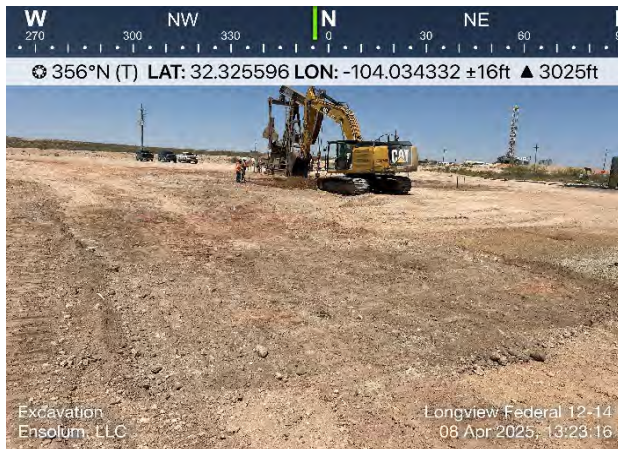
Photograph 25
Description: Excavation
View: East

Date:4/8/2025



Photograph 26
Description: Excavation
View: East

Date:4/8/2025



Photograph 27
Description: Excavation
View: North

Date:4/8/2025



Photograph 28
Description: Excavation
View: North

Date:4/8/2025

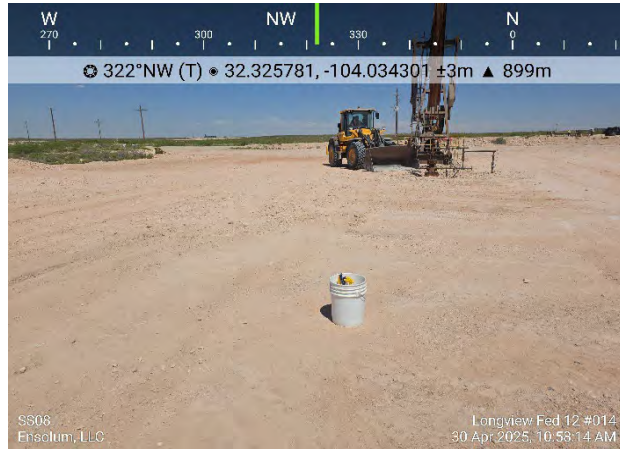


Photographic Log

WPX Energy Permian, LLC

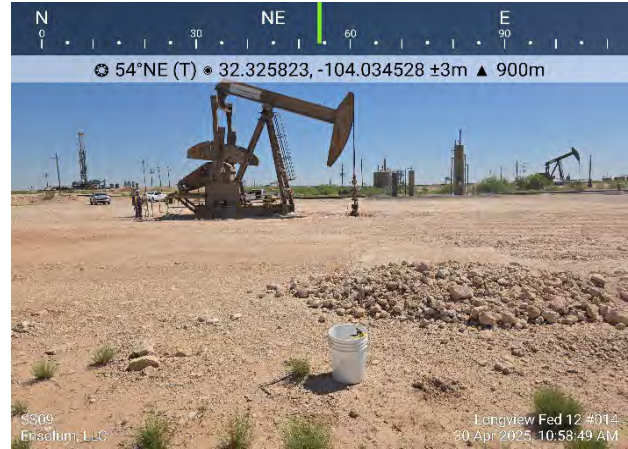
Longview Federal 12 #014

nAPP2433727130



Photograph 29
Description: SS08
View: Northwest

Date:4/30/2025



Photograph 30
Description: SS09
View: Northeast

Date:4/30/2025



Photograph 31
Description: SS10
View: Southeast

Date:4/30/2025




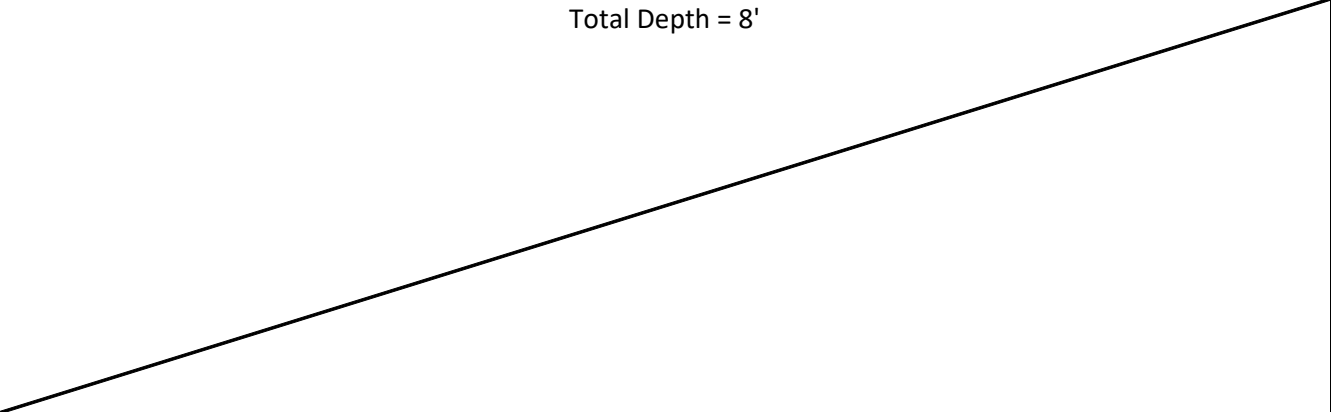
Photograph 32
Description: Backfill
View: North


Date:4/30/2025





APPENDIX C


Lithologic Soil Sampling Logs


|  ENSOLUM | | Sample Name: PH01 | | Date: 1/15/25 | | | | |
|---|----------------|-------------------------------------|------------------------|---------------|-----------------------|--|------------------|--|
| | | Site Name: Longview Federal 12 #014 | | | | | | |
| | | Incident Number: nAPP2433727130 | | | | | | |
| | | Job Number: 03A1987151 | | | | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | |
| Coordinates: 32.3260076, -104.0342467 | | | Logged By: Cole Burton | | Method: Backhoe | | | |
| | | | Hole Diameter: 3' | | Total Depth: 8 | | | |
| Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions |
| M | | | Y | PH01 | 0 | 0 | CCHE | Pad Caliche |
| M | 1,198 | | N | | 1 | 1 | SM | Sandy silt w/ gravel - Dark brown, small gravel nonplastic |
| M | 857 | | N | | 2 | 2 | | |
| M | 1,109 | | N | | 3 | 3 | | |
| D | 1,624 | | N | | 4 | 4 | CCHE | Caliche - Tan, nonplastic, poorly graded fine sand |
| D | 1,478 | | N | | 5 | 5 | | |
| D | 1,170 | | N | | 6 | 6 | | |
| D | 700 | | N | | 7 | 7 | | |
| D | 274 | | N | | 8 | 8 | | |
| Total Depth = 8' | | | | | |  | | |
| | | | | | | | | |


|  ENSOLUM | | | | | | | | Sample Name: PH02 | | Date: 2/15/25 | |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|--|--|--|-----------------------|--|
| | | | | | | | | Site Name: Longview Federal 12 #014 | | | |
| | | | | | | | | Incident Number: nAPP2433727130 | | | |
| | | | | | | | | Job Number: 03A1987151 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Cole Burton | | Method: Backhoe/Drill | |
| Coordinates: 32.3259232, -104.0343641 | | | | | | | | Hole Diameter: 3' / 4" | | Total Depth: 55' | |
| Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | |
| M | | | Y | PH02 | 0 | 0 | CCHE | Pad Caliche | | | |
| M | | | N | | 1 | 1 | SM | Silty Sand w/ Gravel - Dark brown, small gravel nonplastic | | | |
| M | | | N | | 2 | 2 | | | | | |
| M | | | N | | 3 | 3 | | | | | |
| D | 1,624 | | N | | 4 | 4 | | | | | |
| D | 2,862 | | N | | 5 | 5 | | | | | |
| D | 2,862 | | N | | 6 | 6 | | | | | |
| D | 2,654 | | N | | 7 | 7 | | | | | |
| D | 2,470 | | N | | 8 | 8 | | | | | |
| D | 1,842 | | N | | 9 | 9 | | | | | |
| D | 2,296 | | N | | 10 | 10 | | | | | |
| D | 2,296 | | N | | 11 | 11 | Silty Sand w/ Gravel - Light Brown, small gravel, fine grain sand, non-plastic | | | | |
| D | 2,861 | | N | | 12 | 12 | | | | | |
| D | 2,470 | | N | | 13 | 13 | | | | | |


|  ENSOLUM | | | | | | | | Sample Name: PH02 | | Date: 2/15/25 | |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|--|--|-----------------------|--|
| | | | | | | | | Site Name: Longview Federal 12 #014 | | | |
| | | | | | | | | Incident Number: nAPP2433727130 | | | |
| | | | | | | | | Job Number: 03A1987151 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Cole Burton | | Method: Backhoe/Drill | |
| Coordinates: 32.3259232, -104.0343641 | | | | | | | | Hole Diameter: 3' / 4" | | Total Depth: 55' | |
| Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | |
| D | 550 | | N | PH02 | 14 | 14 | SM | Silty Sand w/ Gravel - Light Brown, small gravel, fine grain sand, non-plastic | | | |
| D | | | N | | 15 | 15 | | | | | |
| D | 750 | | N | | 16 | 16 | | | | | |
| D | 550 | | N | | 17 | 17 | | | | | |
| D | 600 | | N | | 18 | 18 | | | | | |
| D | | | N | | 19 | 19 | | | | | |
| D | 1,800 | | N | | 20 | 20 | | | | | |
| D | | | N | | 21 | 21 | | | | | |
| D | 2,300 | | N | | 22 | 22 | | | | | |
| D | | | N | | 23 | 23 | | | | | |
| D | 2,600 | | N | | 24 | 24 | | | | | |
| D | | | N | | 25 | 25 | | | | | |
| D | 2,300 | | N | | 26 | 26 | | | | | |


|  | | | | | | | | Sample Name: PH02 | | Date: 2/15/25 | |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|--|--|-----------------------|--|
| | | | | | | | | Site Name: Longview Federal 12 #014 | | | |
| | | | | | | | | Incident Number: nAPP2433727130 | | | |
| | | | | | | | | Job Number: 03A1987151 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Cole Burton | | Method: Backhoe/Drill | |
| Coordinates: 32.3259232, -104.0343641 | | | | | | | | Hole Diameter: 3' / 4" | | Total Depth: 55' | |
| Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | |
| D | | | N | PH02 | 27 | 27 | SM | Silty Sand w/ Gravel - Light Brown, small gravel, fine grain sand, non-plastic | | | |
| D | 1,700 | | N | | 28 | 28 | | | | | |
| D | | | N | | 29 | 29 | | | | | |
| D | 1,600 | | N | | 30 | 30 | | | | | |
| D | | | N | | 31 | 31 | CL | Lean Clay w/ Sand - Red, poorly graded fine sand, small gravel, low plasticity | | | |
| D | 5,443 | | N | | 32 | 32 | | | | | |
| D | | | N | | 33 | 33 | | | | | |
| D | 5,443 | | N | | 34 | 34 | | | | | |
| D | | | N | | 35 | 35 | | | | | |
| D | 4,631 | | N | | 36 | 36 | | | | | |
| D | | | N | | 37 | 37 | | | | | |
| D | 3,584 | | N | | 38 | 38 | | | | | |
| D | | | N | | 39 | 39 | | | | | |

|  ENSOLUM | | | | | | | | Sample Name: PH02 | | Date: 2/15/25 | |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|---|--|-----------------------|--|
| | | | | | | | | Site Name: Longview Federal 12 #014 | | | |
| | | | | | | | | Incident Number: nAPP2433727130 | | | |
| | | | | | | | | Job Number: 03A1987151 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Cole Burton | | Method: Backhoe/Drill | |
| Coordinates: 32.3259232, -104.0343641 | | | | | | | | Hole Diameter: 3' / 4" | | Total Depth: 55' | |
| Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | |
| D | | | N | PH02 | 40 | 40 | CL | Lean Clay - Light brown, medium plasticity, cohesive | | | |
| D | | | N | | 41 | 41 | | | | | |
| D | | | N | | 42 | 42 | | | | | |
| D | | | N | | 43 | 43 | | | | | |
| D | | | N | | 44 | 44 | | | | | |
| D | 3,584 | | N | | 45 | 45 | | | | | |
| D | | | N | | 46 | 46 | | | | | |
| D | | | N | | 47 | 47 | | | | | |
| D | | | N | | 48 | 48 | | | | | |
| D | | | N | | 49 | 49 | SM | Silty Sand w/ Gravel - Green, small gravel non-cohesive, nonplastic | | | |
| D | 1,982 | | N | | 50 | 50 | | | | | |
| D | 1,000 | | N | | 51 | 51 | | | | | |
| D | 600 | | N | | 52 | 52 | | | | | |

|  ENSOLUM | | Sample Name: PH02 | | Date: 2/15/25 | | | | |
|---|----------------|-------------------------------------|------------------------|---------------|-----------------------|----------------|------------------|---|
| | | Site Name: Longview Federal 12 #014 | | | | | | |
| | | Incident Number: nAPP2433727130 | | | | | | |
| | | Job Number: 03A1987151 | | | | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | |
| Coordinates: 32.3259232, -104.0343641 | | | Logged By: Cole Burton | | Method: Backhoe/Drill | | | |
| | | | Hole Diameter: 3' / 4" | | Total Depth: 55' | | | |
| Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions |
| D | 364 | | N | PH02 | 53 | 53 | SM | Silty Sand w/ Gravel - Green, small gravel non-cohesive, nonplastic |
| D | 235 | | N | | 54 | 54 | | |
| D | 235 | | N | | 55 | 55 | | |
| Total Depth = 55' | | | | | | | | |

|  | | | | | | | | Sample Name: PH03 | | Date: 1/15/25 | |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|---|--|-----------------|--|
| | | | | | | | | Site Name: Longview Federal 12 #014 | | | |
| | | | | | | | | Incident Number: nAPP2433727130 | | | |
| | | | | | | | | Job Number: 03A1987151 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Cole Burton | | Method: Backhoe | |
| Coordinates: 32.3257866, -104.0343862 | | | | | | | | Hole Diameter: 3' | | Total Depth: 3' | |
| Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | |
| M | | | Y | PH03 | 0 | 0 | CCHE | Pad Caliche | | | |
| M | 274 | | N | | 1 | 1 | SM | ndy silt w/ gravel - Dark brown, small gravel nonplas | | | |
| M | <274 | | N | | 2 | 2 | | | | | |
| M | <274 | | N | | 3 | 3 | | | | | |
| Total Depth = 3' | | | | | | | | | | | |

|  | | | | | | | | Sample Name: PH04 | | Date: 1/15/25 | |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|--|--|-----------------|--|
| | | | | | | | | Site Name: Longview Federal 12 #014 | | | |
| | | | | | | | | Incident Number: nAPP2433727130 | | | |
| | | | | | | | | Job Number: 03A1987151 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Cole Burton | | Method: Backhoe | |
| Coordinates: 32.3256608, -104.0343476 | | | | | | | | Hole Diameter: 3' | | Total Depth: | |
| Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | |
| M | | | Y | PH04 | 0 | 0 | CCHE | Pad Caliche | | | |
| M | | | N | | 1 | 1 | SM | Sandy silt w/ gravel - Dark brown, small gravel nonplastic | | | |
| M | <274 | | N | | 2 | 2 | | | | | |
| M | <274 | | N | | 3 | 3 | | | | | |
| M | <274 | | N | | 4 | 4 | | | | | |
| Total Depth = 4' | | | | | | | | | | | |

|  | | | | | | | | Sample Name: PH05 | | Date: 1/15/25 | |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|--|--|-----------------|--|
| | | | | | | | | Site Name: Longview Federal 12 #014 | | | |
| | | | | | | | | Incident Number: nAPP2433727130 | | | |
| | | | | | | | | Job Number: 03A1987151 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Cole Burton | | Method: Backhoe | |
| Coordinates: 32.3259841, -104.0344425 | | | | | | | | Hole Diameter: 3' | | Total Depth: 2' | |
| Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | |
| M | | | Y | PH05 | 0 | 0 | CCHE | Pad Caliche | | | |
| M | 370 | | N | | 1 | 1 | SM | Sandy silt w/ gravel - Dark brown, small gravel nonplastic | | | |
| D | 213 | | N | | 2 | 2 | CCHE | Caliche - Tan, nonplastic, poorly graded fine sand | | | |
| Total Depth = 2' | | | | | | | | | | | |



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Longview Federal 12 #014

Work Order: E501099

Job Number: 01058-0007

Received: 1/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/23/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/23/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Longview Federal 12 #014
Workorder: E501099
Date Received: 1/17/2025 8:15:11AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2025 8:15:11AM, under the Project Name: Longview Federal 12 #014.

The analytical test results summarized in this report with the Project Name: Longview Federal 12 #014 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|-------------------------|------------------|--------------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 01/23/25 13:15 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS01-1' | E501099-01A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS02-1' | E501099-02A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS03-1' | E501099-03A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS04-1' | E501099-04A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS05-1' | E501099-05A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS06-1' | E501099-06A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS07-1' | E501099-07A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:15:35PM

SS01-1' E501099-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|--------------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2503101 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 88.4 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2503101 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | 97.0 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: NV | | Batch: 2503109 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | 116 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2503103 | |
| Chloride | 122 | 20.0 | 1 | 01/17/25 | 01/17/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:15:35PM

SS02-1'

E501099-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 87.2 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 95.5 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: NV | | Batch: 2503109 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 115 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2503103 |
| Chloride | 140 | 20.0 | 1 | 01/17/25 | 01/17/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:15:35PM

SS03-1'

E501099-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 87.5 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 96.8 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: NV | | Batch: 2503109 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/22/25 | |
| Oil Range Organics (C28-C36) | 101 | 50.0 | 1 | 01/17/25 | 01/22/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 114 % | 50-200 | | 01/17/25 | 01/22/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2503103 |
| Chloride | 428 | 20.0 | 1 | 01/17/25 | 01/17/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:15:35PM

SS04-1'

E501099-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 87.7 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 95.2 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: NV | | Batch: 2503109 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/22/25 | |
| Oil Range Organics (C28-C36) | 68.8 | 50.0 | 1 | 01/17/25 | 01/22/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 113 % | 50-200 | | 01/17/25 | 01/22/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2503103 |
| Chloride | 113 | 20.0 | 1 | 01/17/25 | 01/17/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:15:35PM

SS05-1'

E501099-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2503101 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 88.0 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2503101 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | 95.9 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: NV | | Batch: 2503109 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/22/25 | |
| Oil Range Organics (C28-C36) | 64.9 | 50.0 | 1 | 01/17/25 | 01/22/25 | |
| <i>Surrogate: n-Nonane</i> | 113 % | 50-200 | | 01/17/25 | 01/22/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2503103 | |
| Chloride | 224 | 20.0 | 1 | 01/17/25 | 01/17/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:15:35PM

SS06-1'

E501099-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 88.0 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 95.7 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: NV | | Batch: 2503109 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 114 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2503103 |
| Chloride | 204 | 20.0 | 1 | 01/17/25 | 01/17/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:15:35PM

SS07-1'

E501099-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 86.6 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 94.0 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: NV | | Batch: 2503109 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/22/25 | |
| Oil Range Organics (C28-C36) | 86.1 | 50.0 | 1 | 01/17/25 | 01/22/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 108 % | 50-200 | | 01/17/25 | 01/22/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2503103 |
| Chloride | 118 | 20.0 | 1 | 01/17/25 | 01/17/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:15:35PM |

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2503101-BLK1)

Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.68 | | 8.00 | | 83.6 | 70-130 | | | |

LCS (2503101-BS1)

Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.50 | 0.0250 | 5.00 | | 89.9 | 70-130 | | | |
| Ethylbenzene | 4.45 | 0.0250 | 5.00 | | 89.0 | 70-130 | | | |
| Toluene | 4.53 | 0.0250 | 5.00 | | 90.7 | 70-130 | | | |
| o-Xylene | 4.44 | 0.0250 | 5.00 | | 88.9 | 70-130 | | | |
| p,m-Xylene | 9.08 | 0.0500 | 10.0 | | 90.8 | 70-130 | | | |
| Total Xylenes | 13.5 | 0.0250 | 15.0 | | 90.2 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.88 | | 8.00 | | 86.0 | 70-130 | | | |

Matrix Spike (2503101-MS1)

Source: E501099-07

Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.50 | 0.0250 | 5.00 | ND | 90.1 | 54-133 | | | |
| Ethylbenzene | 4.43 | 0.0250 | 5.00 | ND | 88.7 | 61-133 | | | |
| Toluene | 4.52 | 0.0250 | 5.00 | ND | 90.5 | 61-130 | | | |
| o-Xylene | 4.45 | 0.0250 | 5.00 | ND | 89.0 | 63-131 | | | |
| p,m-Xylene | 9.05 | 0.0500 | 10.0 | ND | 90.5 | 63-131 | | | |
| Total Xylenes | 13.5 | 0.0250 | 15.0 | ND | 90.0 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.99 | | 8.00 | | 87.3 | 70-130 | | | |

Matrix Spike Dup (2503101-MSD1)

Source: E501099-07

Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 4.75 | 0.0250 | 5.00 | ND | 94.9 | 54-133 | 5.23 | 20 | |
| Ethylbenzene | 4.67 | 0.0250 | 5.00 | ND | 93.3 | 61-133 | 5.09 | 20 | |
| Toluene | 4.75 | 0.0250 | 5.00 | ND | 95.1 | 61-130 | 4.99 | 20 | |
| o-Xylene | 4.64 | 0.0250 | 5.00 | ND | 92.8 | 63-131 | 4.22 | 20 | |
| p,m-Xylene | 9.51 | 0.0500 | 10.0 | ND | 95.1 | 63-131 | 4.98 | 20 | |
| Total Xylenes | 14.2 | 0.0250 | 15.0 | ND | 94.4 | 63-131 | 4.73 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.96 | | 8.00 | | 87.0 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:15:35PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2503101-BLK1) Prepared: 01/17/25 Analyzed: 01/21/25

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

LCS (2503101-BS2) Prepared: 01/17/25 Analyzed: 01/22/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 39.3 | 20.0 | 50.0 | | 78.5 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.97 | | 8.00 | | 99.6 | 70-130 | | | |

Matrix Spike (2503101-MS2) Source: E501099-07 Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 41.7 | 20.0 | 50.0 | ND | 83.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.70 | | 8.00 | | 96.2 | 70-130 | | | |

Matrix Spike Dup (2503101-MSD2) Source: E501099-07 Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 40.1 | 20.0 | 50.0 | ND | 80.1 | 70-130 | 4.02 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.80 | | 8.00 | | 97.4 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:15:35PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2503109-BLK1) | | | | | Prepared: 01/17/25 Analyzed: 01/17/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 59.3 | | 50.0 | | 119 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2503109-BS1) | | | | | Prepared: 01/17/25 Analyzed: 01/17/25 | | | | |
| Diesel Range Organics (C10-C28) | 256 | 25.0 | 250 | | 102 | 38-132 | | | |
| Surrogate: n-Nonane | 54.9 | | 50.0 | | 110 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2503109-MS1) | | | | | Source: E501099-02 | | Prepared: 01/17/25 Analyzed: 01/17/25 | | |
| Diesel Range Organics (C10-C28) | 267 | 25.0 | 250 | ND | 107 | 38-132 | | | |
| Surrogate: n-Nonane | 60.2 | | 50.0 | | 120 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2503109-MSD1) | | | | | Source: E501099-02 | | Prepared: 01/17/25 Analyzed: 01/18/25 | | |
| Diesel Range Organics (C10-C28) | 265 | 25.0 | 250 | ND | 106 | 38-132 | 0.654 | 20 | |
| Surrogate: n-Nonane | 59.1 | | 50.0 | | 118 | 50-200 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:15:35PM |

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 (2503103-BLK1) | | | | | Prepared: 01/17/25 Analyzed: 01/17/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2503103-BS1) | | | | | Prepared: 01/17/25 Analyzed: 01/17/25 | | | | |
| Chloride | 259 | 20.0 | 250 | | 104 | 90-110 | | | |
| Matrix Spike (2503103-MS1) | | | | | Source: E501106-03 | | Prepared: 01/17/25 Analyzed: 01/17/25 | | |
| Chloride | 265 | 20.0 | 250 | ND | 106 | 80-120 | | | |
| Matrix Spike Dup (2503103-MSD1) | | | | | Source: E501106-03 | | Prepared: 01/17/25 Analyzed: 01/17/25 | | |
| Chloride | 265 | 20.0 | 250 | ND | 106 | 80-120 | 0.110 | 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: | Longview Federal 12 #014 | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 01/23/25 13:15 |

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

Chain of Custody

Page 1 of 1

Received by OCD: 5/8/2025 2:08:18 PM

Page 17 of 18

| Client Information | | | | Invoice Information | | Lab Use Only | | TAT | | | | State | | | | | |
|---|--------------|---------|-------------------|--------------------------------------|--------------|--------------|-----------------|---|--------------|---------------------|----------------|------------|----------------|---------------|------|-----|------|
| Client: Devon | | | | Company: Devon | | Lab WO# | | Job Number | | 1D 2D 3D Std | | | | NM CO UT TX | | | |
| Project: Longview Federal 12 #014 | | | | Address: 5315 Buena Vista Dr | | E501099 | | 010580057 | | X | | | | X | | | |
| Project Manager: Ashley Gioengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@divn.com | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | |
| Email: agioengo@ensolum.com | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | | | Analysis and Method | | | | EPA Program | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA |
| 13:34 | 1/15/2024 | S | 1 | SS01 - 1' | | 1 | | | | | | X | | | | | |
| 13:23 | 1/15/2024 | S | 1 | SS02 - 1' | | 2 | | | | | | X | | | | | |
| 13:25 | 1/15/2024 | S | 1 | SS03 - 1' | | 3 | | | | | | X | | | | | |
| 13:29 | 1/15/2024 | S | 1 | SS04 - 1' | | 4 | | | | | | X | | | | | |
| 13:31 | 1/15/2024 | S | 1 | SS05 - 1' | | 5 | | | | | | X | | | | | |
| 13:33 | 1/15/2024 | S | 1 | SS06 - 1' | | 6 | | | | | | X | | | | | |
| 13:27 | 1/15/2024 | S | 1 | SS07 - 1' | | 7 | | | | | | X | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agioengo@ensolum.com, jim.raley@divn.com, iestrella@ensolum.com, bdeal@ensolum, chamilton@ensolum.com, bsimmons@ensolum.com | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | |
| Sampled by: Bowan Simmons | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | 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. | | | | | | | | | |
| <i>[Signature]</i> | | 1/16/25 | 10:00 | <i>Michelle Gonzales</i> | | 1-16-25 | 1000 | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | Lab Use Only | | | | | | | | | |
| <i>Michelle Gonzales</i> | | 1-16-25 | 1520 | <i>[Signature]</i> | | 1-16-25 | 1630 | Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | T1 _____ T2 _____ T3 _____ | | | | | | | | | |
| <i>[Signature]</i> | | 1-16-25 | 2230 | <i>[Signature]</i> | | 1-17-25 | 815 | AVG Temp °C <u>4</u> | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ | | | | | | | | | | | | | | | | | |
| Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | |



envirotech

Page 54 of 230

Released to Imaging: 5/21/2025 10:21:18 AM

Envirotech Analytical Laboratory

Printed: 1/17/2025 10:25:16AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

| | | | | | |
|---------|-------------------------|-----------------|----------------------------|----------------|--------------|
| Client: | Devon Energy - Carlsbad | Date Received: | 01/17/25 08:15 | Work Order ID: | E501099 |
| Phone: | (505) 382-1211 | Date Logged In: | 01/16/25 13:27 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 01/23/25 17:00 (4 day TAT) | | |

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Longview Federal 12 #014

Work Order: E501102

Job Number: 01058-0007

Received: 1/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/23/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/23/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Longview Federal 12 #014
Workorder: E501102
Date Received: 1/17/2025 8:15:11AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2025 8:15:11AM, under the Project Name: Longview Federal 12 #014.

The analytical test results summarized in this report with the Project Name: Longview Federal 12 #014 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|-------------------------|------------------|--------------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 01/23/25 13:23 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS01-0' | E501102-01A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS02-0' | E501102-02A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS03-0' | E501102-03A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS04-0' | E501102-04A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS05-0' | E501102-05A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS06-0' | E501102-06A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| SS07-0' | E501102-07A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH01-0' | E501102-08A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH01-2' | E501102-09A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH01-5' | E501102-10A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH01-8' | E501102-11A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH02-0' | E501102-12A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH02-4' | E501102-13A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH02-9' | E501102-14A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH02-13' | E501102-15A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH03-0' | E501102-16A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH03-1' | E501102-17A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH04-0' | E501102-18A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH04-2' | E501102-19A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH05-0' | E501102-20A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |
| PH05-1' | E501102-21A | Soil | 01/15/25 | 01/17/25 | Glass Jar, 2 oz. |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

SS01-0'

E501102-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 89.3 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | 91.0 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/17/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/17/25 | |
| <i>Surrogate: n-Nonane</i> | 128 % | 50-200 | | 01/17/25 | 01/17/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 170 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

SS02-0'

E501102-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503106 |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 86.4 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503106 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 91.5 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: AF | | Batch: 2503096 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/17/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/17/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 118 % | 50-200 | | 01/17/25 | 01/17/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2503119 |
| Chloride | 473 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

SS03-0'

E501102-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503106 |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 89.7 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503106 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 91.2 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: AF | | Batch: 2503096 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/17/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/17/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 122 % | 50-200 | | 01/17/25 | 01/17/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2503119 |
| Chloride | 553 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

SS04-0'

E501102-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503106 |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 89.3 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503106 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 92.9 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: AF | | Batch: 2503096 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/17/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/17/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 129 % | 50-200 | | 01/17/25 | 01/17/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2503119 |
| Chloride | 184 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

SS05-0'

E501102-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---------------|-----------------|-------------|-----------------|-----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | <i>91.4 %</i> | <i>70-130</i> | | <i>01/17/25</i> | <i>01/20/25</i> | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | <i>91.0 %</i> | <i>70-130</i> | | <i>01/17/25</i> | <i>01/20/25</i> | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/17/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/17/25 | |
| <i>Surrogate: n-Nonane</i> | <i>127 %</i> | <i>50-200</i> | | <i>01/17/25</i> | <i>01/17/25</i> | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 731 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

| | | |
|---|--|----------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 1/23/2025 1:23:50PM |
|---|--|----------------------------------|

SS06-0'

E501102-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | 91.0 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 91.6 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/17/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/17/25 | |
| Surrogate: n-Nonane | 126 % | 50-200 | | 01/17/25 | 01/17/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 310 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

| | | |
|---|--|----------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 1/23/2025 1:23:50PM |
|---|--|----------------------------------|

SS07-0'

E501102-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 90.6 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 91.8 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/17/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/17/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 115 % | 50-200 | | 01/17/25 | 01/17/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 111 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

| | | |
|---|--|----------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 1/23/2025 1:23:50PM |
|---|--|----------------------------------|

PH01-0'

E501102-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 90.3 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 91.5 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | 27.2 | 25.0 | 1 | 01/17/25 | 01/17/25 | |
| Oil Range Organics (C28-C36) | 54.1 | 50.0 | 1 | 01/17/25 | 01/17/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 126 % | 50-200 | | 01/17/25 | 01/17/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 8070 | 100 | 5 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

PH01-2'

E501102-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 89.7 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 90.6 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 129 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 958 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

PH01-5'

E501102-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 91.2 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | 90.4 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | 127 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 1620 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

| | | |
|---|--|----------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 1/23/2025 1:23:50PM |
|---|--|----------------------------------|

PH01-8'

E501102-11

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | 94.2 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 90.7 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| Surrogate: n-Nonane | 133 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 374 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

PH02-0'

E501102-12

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503106 |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 98.6 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503106 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 90.9 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: AF | | Batch: 2503096 |
| Diesel Range Organics (C10-C28) | 238 | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | 145 | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 131 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2503119 |
| Chloride | 25800 | 1000 | 50 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

PH02-4'

E501102-13

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 95.1 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 90.1 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 125 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 4630 | 100 | 5 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

PH02-9'

E501102-14

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503106 |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 95.6 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503106 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 91.0 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: AF | | Batch: 2503096 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 121 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2503119 |
| Chloride | 1840 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

| | | |
|---|--|----------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 1/23/2025 1:23:50PM |
|---|--|----------------------------------|

PH02-13'

E501102-15

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 91.9 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 90.4 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 127 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 2720 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

| | | |
|---|--|----------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 1/23/2025 1:23:50PM |
|---|--|----------------------------------|

PH03-0'

E501102-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | 94.5 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 90.3 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| Surrogate: n-Nonane | 114 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 22200 | 400 | 20 | 01/18/25 | 01/18/25 | |



Sample Data

| | | |
|---|--|----------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 1/23/2025 1:23:50PM |
|---|--|----------------------------------|

PH03-1'

E501102-17

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | 93.2 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 90.7 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| Surrogate: n-Nonane | 120 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 375 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

PH04-0'

E501102-18

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 91.3 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 90.0 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 119 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 14200 | 200 | 10 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

PH04-2'

E501102-19

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 94.7 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 90.6 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 118 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 20.8 | 20.0 | 1 | 01/18/25 | 01/18/25 | |



Sample Data

| | | |
|---|--|----------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 1/23/2025 1:23:50PM |
|---|--|----------------------------------|

PH05-0'

E501102-20

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/20/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 93.2 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2503106 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/20/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 89.8 % | 70-130 | | 01/17/25 | 01/20/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2503096 | |
| Diesel Range Organics (C10-C28) | 108 | 25.0 | 1 | 01/17/25 | 01/18/25 | |
| Oil Range Organics (C28-C36) | 89.7 | 50.0 | 1 | 01/17/25 | 01/18/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 130 % | 50-200 | | 01/17/25 | 01/18/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2503119 | |
| Chloride | 8610 | 200 | 10 | 01/18/25 | 01/18/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
1/23/2025 1:23:50PM

PH05-1'

E501102-21

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Benzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Toluene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/17/25 | 01/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/17/25 | 01/21/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | 87.6 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2503101 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/17/25 | 01/21/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 94.6 % | 70-130 | | 01/17/25 | 01/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: AF | | Batch: 2503109 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/17/25 | 01/22/25 | |
| Oil Range Organics (C28-C36) | 54.0 | 50.0 | 1 | 01/17/25 | 01/22/25 | |
| Surrogate: n-Nonane | 115 % | 50-200 | | 01/17/25 | 01/22/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: JM | | Batch: 2503097 |
| Chloride | 261 | 20.0 | 1 | 01/17/25 | 01/17/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:23:50PM |

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2503101-BLK1)

Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.68 | | 8.00 | | 83.6 | 70-130 | | | |

LCS (2503101-BS1)

Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.50 | 0.0250 | 5.00 | | 89.9 | 70-130 | | | |
| Ethylbenzene | 4.45 | 0.0250 | 5.00 | | 89.0 | 70-130 | | | |
| Toluene | 4.53 | 0.0250 | 5.00 | | 90.7 | 70-130 | | | |
| o-Xylene | 4.44 | 0.0250 | 5.00 | | 88.9 | 70-130 | | | |
| p,m-Xylene | 9.08 | 0.0500 | 10.0 | | 90.8 | 70-130 | | | |
| Total Xylenes | 13.5 | 0.0250 | 15.0 | | 90.2 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.88 | | 8.00 | | 86.0 | 70-130 | | | |

Matrix Spike (2503101-MS1)

Source: E501099-07

Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.50 | 0.0250 | 5.00 | ND | 90.1 | 54-133 | | | |
| Ethylbenzene | 4.43 | 0.0250 | 5.00 | ND | 88.7 | 61-133 | | | |
| Toluene | 4.52 | 0.0250 | 5.00 | ND | 90.5 | 61-130 | | | |
| o-Xylene | 4.45 | 0.0250 | 5.00 | ND | 89.0 | 63-131 | | | |
| p,m-Xylene | 9.05 | 0.0500 | 10.0 | ND | 90.5 | 63-131 | | | |
| Total Xylenes | 13.5 | 0.0250 | 15.0 | ND | 90.0 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.99 | | 8.00 | | 87.3 | 70-130 | | | |

Matrix Spike Dup (2503101-MSD1)

Source: E501099-07

Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 4.75 | 0.0250 | 5.00 | ND | 94.9 | 54-133 | 5.23 | 20 | |
| Ethylbenzene | 4.67 | 0.0250 | 5.00 | ND | 93.3 | 61-133 | 5.09 | 20 | |
| Toluene | 4.75 | 0.0250 | 5.00 | ND | 95.1 | 61-130 | 4.99 | 20 | |
| o-Xylene | 4.64 | 0.0250 | 5.00 | ND | 92.8 | 63-131 | 4.22 | 20 | |
| p,m-Xylene | 9.51 | 0.0500 | 10.0 | ND | 95.1 | 63-131 | 4.98 | 20 | |
| Total Xylenes | 14.2 | 0.0250 | 15.0 | ND | 94.4 | 63-131 | 4.73 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.96 | | 8.00 | | 87.0 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:23:50PM |

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2503106-BLK1)

Prepared: 01/17/25 Analyzed: 01/20/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.95 | | 8.00 | | 86.8 | 70-130 | | | |

LCS (2503106-BS1)

Prepared: 01/17/25 Analyzed: 01/20/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.58 | 0.0250 | 5.00 | | 91.6 | 70-130 | | | |
| Ethylbenzene | 4.52 | 0.0250 | 5.00 | | 90.5 | 70-130 | | | |
| Toluene | 4.60 | 0.0250 | 5.00 | | 92.0 | 70-130 | | | |
| o-Xylene | 4.53 | 0.0250 | 5.00 | | 90.6 | 70-130 | | | |
| p,m-Xylene | 9.23 | 0.0500 | 10.0 | | 92.3 | 70-130 | | | |
| Total Xylenes | 13.8 | 0.0250 | 15.0 | | 91.8 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.88 | | 8.00 | | 86.0 | 70-130 | | | |

Matrix Spike (2503106-MS1)

Source: E501102-02 Prepared: 01/17/25 Analyzed: 01/20/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 5.06 | 0.0250 | 5.00 | ND | 101 | 54-133 | | | |
| Ethylbenzene | 4.96 | 0.0250 | 5.00 | ND | 99.3 | 61-133 | | | |
| Toluene | 5.05 | 0.0250 | 5.00 | ND | 101 | 61-130 | | | |
| o-Xylene | 4.93 | 0.0250 | 5.00 | ND | 98.7 | 63-131 | | | |
| p,m-Xylene | 10.1 | 0.0500 | 10.0 | ND | 101 | 63-131 | | | |
| Total Xylenes | 15.0 | 0.0250 | 15.0 | ND | 100 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.03 | | 8.00 | | 87.8 | 70-130 | | | |

Matrix Spike Dup (2503106-MSD1)

Source: E501102-02 Prepared: 01/17/25 Analyzed: 01/20/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 4.95 | 0.0250 | 5.00 | ND | 99.1 | 54-133 | 2.08 | 20 | |
| Ethylbenzene | 4.90 | 0.0250 | 5.00 | ND | 97.9 | 61-133 | 1.38 | 20 | |
| Toluene | 4.97 | 0.0250 | 5.00 | ND | 99.4 | 61-130 | 1.61 | 20 | |
| o-Xylene | 4.87 | 0.0250 | 5.00 | ND | 97.5 | 63-131 | 1.25 | 20 | |
| p,m-Xylene | 9.98 | 0.0500 | 10.0 | ND | 99.8 | 63-131 | 1.37 | 20 | |
| Total Xylenes | 14.8 | 0.0250 | 15.0 | ND | 99.0 | 63-131 | 1.33 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.33 | | 8.00 | | 91.6 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:23:50PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2503101-BLK1)

Prepared: 01/17/25 Analyzed: 01/21/25

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

LCS (2503101-BS2)

Prepared: 01/17/25 Analyzed: 01/22/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 39.3 | 20.0 | 50.0 | | 78.5 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.97 | | 8.00 | | 99.6 | 70-130 | | | |

Matrix Spike (2503101-MS2)

Source: E501099-07

Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 41.7 | 20.0 | 50.0 | ND | 83.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.70 | | 8.00 | | 96.2 | 70-130 | | | |

Matrix Spike Dup (2503101-MSD2)

Source: E501099-07

Prepared: 01/17/25 Analyzed: 01/21/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 40.1 | 20.0 | 50.0 | ND | 80.1 | 70-130 | 4.02 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.80 | | 8.00 | | 97.4 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:23:50PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2503106-BLK1) Prepared: 01/17/25 Analyzed: 01/20/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.31 | | 8.00 | | 91.4 | 70-130 | | | |

LCS (2503106-BS2) Prepared: 01/17/25 Analyzed: 01/20/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 46.6 | 20.0 | 50.0 | | 93.1 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.51 | | 8.00 | | 93.8 | 70-130 | | | |

Matrix Spike (2503106-MS2) Source: E501102-02 Prepared: 01/17/25 Analyzed: 01/20/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 48.9 | 20.0 | 50.0 | ND | 97.7 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.43 | | 8.00 | | 92.9 | 70-130 | | | |

Matrix Spike Dup (2503106-MSD2) Source: E501102-02 Prepared: 01/17/25 Analyzed: 01/20/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 47.3 | 20.0 | 50.0 | ND | 94.5 | 70-130 | 3.33 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.54 | | 8.00 | | 94.3 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:23:50PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2503096-BLK1) | | | | | Prepared: 01/17/25 Analyzed: 01/17/25 | | | | |
| 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 (2503096-BS1) | | | | | Prepared: 01/17/25 Analyzed: 01/17/25 | | | | |
| Diesel Range Organics (C10-C28) | 289 | 25.0 | 250 | | 115 | 38-132 | | | |
| Surrogate: n-Nonane | 66.5 | | 50.0 | | 133 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2503096-MS1) | | | | | Source: E501102-03 | | Prepared: 01/17/25 Analyzed: 01/17/25 | | |
| Diesel Range Organics (C10-C28) | 288 | 25.0 | 250 | ND | 115 | 38-132 | | | |
| Surrogate: n-Nonane | 62.6 | | 50.0 | | 125 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2503096-MSD1) | | | | | Source: E501102-03 | | Prepared: 01/17/25 Analyzed: 01/17/25 | | |
| Diesel Range Organics (C10-C28) | 284 | 25.0 | 250 | ND | 114 | 38-132 | 1.29 | 20 | |
| Surrogate: n-Nonane | 65.4 | | 50.0 | | 131 | 50-200 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:23:50PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2503109-BLK1) | | | | | Prepared: 01/17/25 Analyzed: 01/17/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 59.3 | | 50.0 | | 119 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2503109-BS1) | | | | | Prepared: 01/17/25 Analyzed: 01/17/25 | | | | |
| Diesel Range Organics (C10-C28) | 256 | 25.0 | 250 | | 102 | 38-132 | | | |
| Surrogate: n-Nonane | 54.9 | | 50.0 | | 110 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2503109-MS1) | | | | | Source: E501099-02 | | Prepared: 01/17/25 Analyzed: 01/17/25 | | |
| Diesel Range Organics (C10-C28) | 267 | 25.0 | 250 | ND | 107 | 38-132 | | | |
| Surrogate: n-Nonane | 60.2 | | 50.0 | | 120 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2503109-MSD1) | | | | | Source: E501099-02 | | Prepared: 01/17/25 Analyzed: 01/18/25 | | |
| Diesel Range Organics (C10-C28) | 265 | 25.0 | 250 | ND | 106 | 38-132 | 0.654 | 20 | |
| Surrogate: n-Nonane | 59.1 | | 50.0 | | 118 | 50-200 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:23:50PM |

Anions by EPA 300.0/9056A

Analyst: JM

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

| | | | | | | | | | |
|---------------------------------|-----|------|-----|----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2503097-BLK1) | | | | | Prepared: 01/17/25 Analyzed: 01/17/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2503097-BS1) | | | | | Prepared: 01/17/25 Analyzed: 01/17/25 | | | | |
| Chloride | 252 | 20.0 | 250 | | 101 | 90-110 | | | |
| Matrix Spike (2503097-MS1) | | | | | Source: E501105-02 | | Prepared: 01/17/25 Analyzed: 01/17/25 | | |
| Chloride | 284 | 100 | 250 | ND | 113 | 80-120 | | | |
| Matrix Spike Dup (2503097-MSD1) | | | | | Source: E501105-02 | | Prepared: 01/17/25 Analyzed: 01/17/25 | | |
| Chloride | 273 | 100 | 250 | ND | 109 | 80-120 | 3.74 | 20 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 1/23/2025 1:23:50PM |

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 (2503119-BLK1) | | | | | Prepared: 01/18/25 Analyzed: 01/18/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2503119-BS1) | | | | | Prepared: 01/18/25 Analyzed: 01/18/25 | | | | |
| Chloride | 258 | 20.0 | 250 | | 103 | 90-110 | | | |
| Matrix Spike (2503119-MS1) | | | | | Source: E501102-04 | | Prepared: 01/18/25 Analyzed: 01/18/25 | | |
| Chloride | 418 | 20.0 | 250 | 184 | 93.7 | 80-120 | | | |
| Matrix Spike Dup (2503119-MSD1) | | | | | Source: E501102-04 | | Prepared: 01/18/25 Analyzed: 01/18/25 | | |
| Chloride | 424 | 20.0 | 250 | 184 | 96.3 | 80-120 | 1.54 | 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: | Longview Federal 12 #014 | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 01/23/25 13:23 |

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



Chain of Custody

Page 1 of 3

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| Client Information | | | | Invoice Information | | Lab Use Only | | TAT | | | | State | | | | | |
|---|--------------|---------|-------------------|--------------------------------------|--------------|-----------------|-----------------|---|--------------|---------------------|----------------|------------|----------------|---------------|------|-----|------|
| Client: Devon | | | | Company: Devon | | Lab WO# ESQ1102 | | Job Number 01058-0007 | | 1D 2D 3D Std X | | | | NM CO UT TX X | | | |
| Project: Longview Federal 12 #014 | | | | Address: 5315 Buena Vista Dr | | | | | | | | | | | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@dv.com | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | |
| Email: agiovento@ensolum.com | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | | | Analysis and Method | | | | EPA Program | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/DRO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA |
| 8:57 | 1/15/2024 | S | 1 | SS01 - 0' | | 1 | | | | | | X | | | | | |
| 12:46 | 1/15/2024 | S | 1 | SS02 - 0' | | 2 | | | | | | X | | | | | |
| 12:48 | 1/15/2024 | S | 1 | SS03 - 0' | | 3 | | | | | | X | | | | | |
| 12:30 | 1/15/2024 | S | 1 | SS04 - 0' | | 4 | | | | | | X | | | | | |
| 12:32 | 1/15/2024 | S | 1 | SS05 - 0' | | 5 | | | | | | X | | | | | |
| 12:38 | 1/15/2024 | S | 1 | SS06 - 0' | | 6 | | | | | | X | | | | | |
| 11:52 | 1/15/2024 | S | 1 | SS07 - 0' | | 7 | | | | | | X | | | | | |
| 8:50 | 1/15/2024 | S | 1 | PH01 - 0' | | 8 | | | | | | X | | | | | |
| 8:55 | 1/15/2024 | S | 1 | PH01 - 2' | | 9 | | | | | | X | | | | | |
| 8:59 | 1/15/2024 | S | 1 | PH01 - 5' | | 10 | | | | | | X | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovento@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, bdeal@ensolum, chamilton@ensolum.com, bsimmons@ensolum.com | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | |
| Sampled by: Bowan Simmons | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | 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. | | | | | | | | | |
| Michelle Gonzales | | 1-16-25 | 1000 | Michelle Gonzales | | 1-16-25 | 1000 | Lab Use Only | | | | | | | | | |
| Michelle Gonzales | | 1-16-25 | 1520 | Michelle Gonzales | | 1-16-25 | 1630 | Received on ice: Y / N | | | | | | | | | |
| Michelle Gonzales | | 1-16-25 | 2330 | Michelle Gonzales | | 1-17-25 | 8:15 | T1 T2 T3 | | | | | | | | | |
| Michelle Gonzales | | | | Michelle Gonzales | | | | 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 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | |



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Received by: OCD: 5/8/2025 2:08:18 PM

Released to Imaging: 5/21/2025 10:21:18 AM

Chain of Custody

Page 2 of 3

| Client Information | | | | | Invoice Information | | | Lab Use Only | | | | TAT | | | | State | | | |
|---|--------------|--------|-------------------|--------------------------|--------------------------------------|------------|-----------------|--|--------------|--|----------------|------------|----------------|---------------|-------------|-------|------|------------|--------|
| Client: Devon | | | | | Company: Devon | | | Lab WO# | | Job Number | | 1D | 2D | 3D | Std | NM | CO | UT | TX |
| Project: Longview Federal 12 #014 | | | | | Address: 5315 Buena Vista Dr | | | E 501102 | | 0058007 | | | | | X | X | | | |
| Project Manager: Ashley Giovengo | | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | | | | | | | |
| Address: 3122 National Parks Hwy | | | | | Phone: (575)689-7597 | | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | | Email: jim.raley@dv.com | | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | | |
| Email: agiovento@ensolum.com | | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | Analysis and Method | | | | | | | | | | EPA Program | | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA | Compliance | Y or N |
| 10:35 | 1/15/2024 | S | 1 | PH01 - 8' | | 11 | | | | | | X | | | | | | | |
| 9:13 | 1/15/2024 | S | 1 | PH02 - 0' | | 12 | | | | | | X | | | | | | | |
| 9:26 | 1/15/2024 | S | 1 | PH02 - 4' | | 13 | | | | | | X | | | | | | | |
| 11:09 | 1/15/2024 | S | 1 | PH02 - 9' | | 14 | | | | | | X | | | | | | | |
| 11:51 | 1/15/2024 | S | 1 | PH02 - 13' | | 15 | | | | | | X | | | | | | | |
| 9:35 | 1/15/2024 | S | 1 | PH03 - 0' | | 16 | | | | | | X | | | | | | | |
| 9:35 | 1/15/2024 | S | 1 | PH03 - 1' | | 17 | | | | | | X | | | | | | | |
| 9:40 | 1/15/2024 | S | 1 | PH04 - 0' | | 18 | | | | | | X | | | | | | | |
| 9:43 | 1/15/2024 | S | 1 | PH04 - 2' | | 19 | | | | | | X | | | | | | | |
| 9:01 | 1/15/2024 | S | 1 | PH05 - 0' | | 20 | | | | | | X | | | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovento@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, bdeal@ensolum, chamilton@ensolum.com, bsimmons@ensolum.com | | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | | |
| Sampled by: Bowan Simmons | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | 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. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u> | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | | |
| 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 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | | |



envirotech

Chain of Custody

[illegible]

Envirotech Analytical Laboratory

Printed: 1/17/2025 10:27:28AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

| | | | | | |
|---------|-------------------------|-----------------|----------------------------|----------------|--------------|
| Client: | Devon Energy - Carlsbad | Date Received: | 01/17/25 08:15 | Work Order ID: | E501102 |
| Phone: | (505) 382-1211 | Date Logged In: | 01/16/25 13:41 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 01/23/25 17:00 (4 day TAT) | | |

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Longview Federal 12 #014

Work Order: E502272

Job Number: 01058-0007

Received: 2/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/5/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/5/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220



Project Name: Longview Federal 12 #014
Workorder: E502272
Date Received: 2/27/2025 4:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/27/2025 4:30:00AM, under the Project Name: Longview Federal 12 #014.

The analytical test results summarized in this report with the Project Name: Longview Federal 12 #014 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|--|--|-----------------------------|
| WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 03/05/25 12:38 |
|--|--|-----------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| PH02-20' | E502272-01A | Soil | 02/25/25 | 02/27/25 | Glass Jar, 2 oz. |
| PH02-25' | E502272-02A | Soil | 02/25/25 | 02/27/25 | Glass Jar, 2 oz. |
| PH02-30' | E502272-03A | Soil | 02/25/25 | 02/27/25 | Glass Jar, 2 oz. |
| PH02-35' | E502272-04A | Soil | 02/25/25 | 02/27/25 | Glass Jar, 2 oz. |
| PH02-40' | E502272-05A | Soil | 02/25/25 | 02/27/25 | Glass Jar, 2 oz. |
| PH02-45' | E502272-06A | Soil | 02/25/25 | 02/27/25 | Glass Jar, 2 oz. |
| PH02-50' | E502272-07A | Soil | 02/25/25 | 02/27/25 | Glass Jar, 2 oz. |
| PH02-52' | E502272-08A | Soil | 02/25/25 | 02/27/25 | Glass Jar, 2 oz. |



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/5/2025 12:38:14PM

PH02-20'

E502272-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Benzene | ND | 0.0250 | 1 | 02/27/25 | 03/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/27/25 | 03/01/25 | |
| Toluene | ND | 0.0250 | 1 | 02/27/25 | 03/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 02/27/25 | 03/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/27/25 | 03/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/27/25 | 03/01/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 88.9 % | 70-130 | | 02/27/25 | 03/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/27/25 | 03/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | 92.5 % | 70-130 | | 02/27/25 | 03/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2509096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/27/25 | 02/27/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/27/25 | 02/27/25 | |
| <i>Surrogate: n-Nonane</i> | 85.8 % | 61-141 | | 02/27/25 | 02/27/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2509103 | |
| Chloride | 2100 | 20.0 | 1 | 02/27/25 | 02/27/25 | |



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/5/2025 12:38:14PM

PH02-25'

E502272-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Benzene | ND | 0.0250 | 1 | 02/27/25 | 03/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/27/25 | 03/01/25 | |
| Toluene | ND | 0.0250 | 1 | 02/27/25 | 03/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 02/27/25 | 03/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/27/25 | 03/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/27/25 | 03/01/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 89.5 % | 70-130 | | 02/27/25 | 03/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/27/25 | 03/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 92.0 % | 70-130 | | 02/27/25 | 03/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KH | | Batch: 2509096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/27/25 | 02/27/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/27/25 | 02/27/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 90.0 % | 61-141 | | 02/27/25 | 02/27/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2509103 | |
| Chloride | 4100 | 40.0 | 2 | 02/27/25 | 02/27/25 | |



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/5/2025 12:38:14PM

PH02-30'

E502272-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2509100 |
| Benzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/27/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 94.1 % | 70-130 | | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2509100 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 92.2 % | 70-130 | | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2509096 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/27/25 | 02/28/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/27/25 | 02/28/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 87.8 % | 61-141 | | 02/27/25 | 02/28/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2509103 |
| Chloride | 3020 | 40.0 | 2 | 02/27/25 | 02/27/25 | |



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/5/2025 12:38:14PM

PH02-35'

E502272-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Benzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/27/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 93.5 % | 70-130 | | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 92.3 % | 70-130 | | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KH | | Batch: 2509096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/27/25 | 02/28/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/27/25 | 02/28/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 86.4 % | 61-141 | | 02/27/25 | 02/28/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2509103 | |
| Chloride | 4790 | 40.0 | 2 | 02/27/25 | 02/27/25 | |



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/5/2025 12:38:14PM

PH02-40'

E502272-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 |
| Benzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/27/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 94.4 % | 70-130 | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 92.4 % | 70-130 | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | mg/kg | mg/kg | Analyst: KH | | Batch: 2509096 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/27/25 | 02/28/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/27/25 | 02/28/25 | |
| <i>Surrogate: n-Nonane</i> | | 85.7 % | 61-141 | 02/27/25 | 02/28/25 | |
| Anions by EPA 300.0/9056A | | mg/kg | mg/kg | Analyst: DT | | Batch: 2509103 |
| Chloride | 2680 | 20.0 | 1 | 02/27/25 | 02/27/25 | |



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/5/2025 12:38:14PM

PH02-45'

E502272-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Benzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/27/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 93.4 % | 70-130 | | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | 92.3 % | 70-130 | | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2509096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/27/25 | 02/28/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/27/25 | 02/28/25 | |
| <i>Surrogate: n-Nonane</i> | 90.9 % | 61-141 | | 02/27/25 | 02/28/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2509103 | |
| Chloride | 3410 | 40.0 | 2 | 02/27/25 | 02/27/25 | |



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/5/2025 12:38:14PM

PH02-50'

E502272-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Benzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/27/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 92.3 % | 70-130 | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 92.1 % | 70-130 | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2509096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/27/25 | 02/28/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/27/25 | 02/28/25 | |
| <i>Surrogate: n-Nonane</i> | | 89.1 % | 61-141 | 02/27/25 | 02/28/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2509103 | |
| Chloride | 1680 | 20.0 | 1 | 02/27/25 | 02/27/25 | |



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/5/2025 12:38:14PM

PH02-52'

E502272-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Benzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/27/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 92.2 % | 70-130 | | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2509100 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/27/25 | 03/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | 92.1 % | 70-130 | | 02/27/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2509096 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/27/25 | 02/28/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/27/25 | 02/28/25 | |
| <i>Surrogate: n-Nonane</i> | 95.6 % | 61-141 | | 02/27/25 | 02/28/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2509103 | |
| Chloride | 213 | 20.0 | 1 | 02/27/25 | 02/27/25 | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|---------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 3/5/2025 12:38:14PM |

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2509100-BLK1) Prepared: 02/27/25 Analyzed: 03/01/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.71 | | 8.00 | | 83.8 | 70-130 | | | |

LCS (2509100-BS1) Prepared: 02/27/25 Analyzed: 03/01/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.87 | 0.0250 | 5.00 | | 97.3 | 70-130 | | | |
| Ethylbenzene | 4.73 | 0.0250 | 5.00 | | 94.6 | 70-130 | | | |
| Toluene | 4.83 | 0.0250 | 5.00 | | 96.7 | 70-130 | | | |
| o-Xylene | 4.67 | 0.0250 | 5.00 | | 93.4 | 70-130 | | | |
| p,m-Xylene | 9.60 | 0.0500 | 10.0 | | 96.0 | 70-130 | | | |
| Total Xylenes | 14.3 | 0.0250 | 15.0 | | 95.1 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.60 | | 8.00 | | 82.5 | 70-130 | | | |

Matrix Spike (2509100-MS1) Source: E502271-03 Prepared: 02/27/25 Analyzed: 03/01/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 5.02 | 0.0250 | 5.00 | ND | 100 | 54-133 | | | |
| Ethylbenzene | 4.87 | 0.0250 | 5.00 | ND | 97.4 | 61-133 | | | |
| Toluene | 4.97 | 0.0250 | 5.00 | ND | 99.5 | 61-130 | | | |
| o-Xylene | 4.80 | 0.0250 | 5.00 | ND | 96.0 | 63-131 | | | |
| p,m-Xylene | 9.87 | 0.0500 | 10.0 | ND | 98.7 | 63-131 | | | |
| Total Xylenes | 14.7 | 0.0250 | 15.0 | ND | 97.8 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.50 | | 8.00 | | 81.3 | 70-130 | | | |

Matrix Spike Dup (2509100-MSD1) Source: E502271-03 Prepared: 02/27/25 Analyzed: 03/01/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 5.14 | 0.0250 | 5.00 | ND | 103 | 54-133 | 2.29 | 20 | |
| Ethylbenzene | 4.98 | 0.0250 | 5.00 | ND | 99.6 | 61-133 | 2.23 | 20 | |
| Toluene | 5.08 | 0.0250 | 5.00 | ND | 102 | 61-130 | 2.17 | 20 | |
| o-Xylene | 4.90 | 0.0250 | 5.00 | ND | 98.0 | 63-131 | 2.15 | 20 | |
| p,m-Xylene | 10.1 | 0.0500 | 10.0 | ND | 101 | 63-131 | 1.99 | 20 | |
| Total Xylenes | 15.0 | 0.0250 | 15.0 | ND | 99.8 | 63-131 | 2.04 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.49 | | 8.00 | | 81.2 | 70-130 | | | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|---------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 3/5/2025 12:38:14PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2509100-BLK1)

Prepared: 02/27/25 Analyzed: 03/01/25

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

LCS (2509100-BS2)

Prepared: 02/27/25 Analyzed: 03/01/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 47.1 | 20.0 | 50.0 | | 94.2 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 | | 8.00 | | 94.8 | 70-130 | | | |

Matrix Spike (2509100-MS2)

Source: E502271-03

Prepared: 02/27/25 Analyzed: 03/01/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 46.7 | 20.0 | 50.0 | ND | 93.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.54 | | 8.00 | | 94.2 | 70-130 | | | |

Matrix Spike Dup (2509100-MSD2)

Source: E502271-03

Prepared: 02/27/25 Analyzed: 03/01/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 42.7 | 20.0 | 50.0 | ND | 85.4 | 70-130 | 9.00 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.50 | | 8.00 | | 93.8 | 70-130 | | | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|---------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 3/5/2025 12:38:14PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2509096-BLK1) | | | | | Prepared: 02/27/25 Analyzed: 02/27/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 42.6 | | 50.0 | | 85.1 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2509096-BS1) | | | | | Prepared: 02/27/25 Analyzed: 02/27/25 | | | | |
| Diesel Range Organics (C10-C28) | 197 | 25.0 | 250 | | 78.7 | 66-144 | | | |
| Surrogate: n-Nonane | 43.3 | | 50.0 | | 86.6 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2509096-MS1) | | | | | Source: E502271-05 | | Prepared: 02/27/25 Analyzed: 02/27/25 | | |
| Diesel Range Organics (C10-C28) | 215 | 25.0 | 250 | ND | 85.8 | 56-156 | | | |
| Surrogate: n-Nonane | 46.1 | | 50.0 | | 92.1 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2509096-MSD1) | | | | | Source: E502271-05 | | Prepared: 02/27/25 Analyzed: 02/27/25 | | |
| Diesel Range Organics (C10-C28) | 204 | 25.0 | 250 | ND | 81.5 | 56-156 | 5.23 | 20 | |
| Surrogate: n-Nonane | 44.0 | | 50.0 | | 88.1 | 61-141 | | | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|---------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 3/5/2025 12:38:14PM |

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 (2509103-BLK1) | | | | | Prepared: 02/27/25 Analyzed: 02/27/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2509103-BS1) | | | | | Prepared: 02/27/25 Analyzed: 02/27/25 | | | | |
| Chloride | 257 | 20.0 | 250 | | 103 | 90-110 | | | |
| Matrix Spike (2509103-MS1) | | | | | Source: E502271-01 | | Prepared: 02/27/25 Analyzed: 02/27/25 | | |
| Chloride | 4620 | 40.0 | 250 | 4450 | 66.5 | 80-120 | | | M4 |
| Matrix Spike Dup (2509103-MSD1) | | | | | Source: E502271-01 | | Prepared: 02/27/25 Analyzed: 02/27/25 | | |
| Chloride | 4860 | 40.0 | 250 | 4450 | 165 | 80-120 | 5.18 | 20 | M4 |

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

Definitions and Notes

| | | | |
|-----------------------|------------------|--------------------------|----------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 03/05/25 12:38 |

- 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.

WO# 21456411
CM 3/5/25

Chain of Custody

Page 1 of 1

Received by OCD: 5/8/2025 2:08:18 PM

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| Client Information | | | | Invoice Information | | | | Lab Use Only | | | | TAT | | | | State | | | |
|---|--------------|--------|-------------------|---|--------------|------------------|-----------------|---|--------------|------------------------------|----------------|--|----------------|------------------|------|--|------|------------|--------|
| Client: <u>Devon WPX</u> | | | | Company: <u>Devon Energy</u> | | | | Lab WO# <u>E502272</u> | | Job Number <u>01058-0007</u> | | 1D | 2D | 3D | Std | NM | CO | UT | TX |
| Project: <u>Longview Federal 12 #0410 #014</u> | | | | Address: <u>5315 Buena Vista Dr</u> | | | | | | | | | | | | X | | | |
| Project Manager: <u>Ashley Giovengo</u> | | | | City, State, Zip: <u>Carlsbad NM, 88220</u> | | | | | | | | | | | | | | | |
| Address: <u>3122 National Parks Hwy</u> | | | | Phone: <u>(575)689-7597</u> | | | | | | | | | | | | | | | |
| City, State, Zip: <u>Carlsbad NM, 88220</u> | | | | Email: <u>jim.raley@dv.com</u> | | | | | | | | | | | | | | | |
| Phone: <u>575-988-0055</u> | | | | Miscellaneous: <u>Jim Raley</u> | | | | | | | | | | | | | | | |
| Email: <u>agiovengo@ensolum.com</u> | | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | Analysis and Method | | | | EPA Program | | | | | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA | Compliance | Y or N |
| 10:34 | 2/25/2025 | Soil | 1 | PH02- 20' | | 1 | | | | | | X | | | | | | | |
| 10:54 | 2/25/2025 | Soil | 1 | PH02- 25' | | 2 | | | | | | X | | | | | | | |
| 11:01 | 2/25/2025 | Soil | 1 | PH02- 30' | | 3 | | | | | | X | | | | | | | |
| 11:19 | 2/25/2025 | Soil | 1 | PH02- 35' | | 4 | | | | | | X | | | | | | | |
| 11:25 | 2/25/2025 | Soil | 1 | PH02- 40' | | 5 | | | | | | X | | | | | | | |
| 11:51 | 2/25/2025 | Soil | 1 | PH02- 45' | | 6 | | | | | | X | | | | | | | |
| 11:54 | 2/25/2025 | Soil | 1 | PH02- 50' | | 7 | | | | | | X | | | | | | | |
| 12:14 | 2/25/2025 | Soil | 1 | PH02- 52' | | 8 | | | | | | X | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Additional Instructions: Please CC: <u>cburton@ensolum.com</u> , <u>agiovengo@ensolum.com</u> , <u>jim.raley@dv.com</u> , <u>iestrella@ensolum.com</u> , <u>chamilton@ensolum.com</u> , <u>bsimmons@ensolum.com</u> , <u>jhinkle@ensolum.com</u> | | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | | |
| Sampled by: <u>Cole Burton and Jenna Hinkle</u> | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <u>Jenna Hinkle</u> | | | | Date <u>2/26/25</u> | | Time <u>7:30</u> | | Received by: (Signature) <u>Michelle Gonzales</u> | | | | Date <u>2-26-25</u> | | Time <u>0730</u> | | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u> | | | |
| Relinquished by: (Signature) <u>Michelle Gonzales</u> | | | | Date <u>2-26-25</u> | | Time <u>1520</u> | | Received by: (Signature) <u>Richard Gonzales</u> | | | | Date <u>2-26-25</u> | | Time <u>1520</u> | | | | | |
| Relinquished by: (Signature) <u>Richard Gonzales</u> | | | | Date <u>2-26-25</u> | | Time <u>2130</u> | | Received by: (Signature) <u>Wayne R. Hill</u> | | | | Date <u>2-27-25</u> | | Time <u>0430</u> | | | | | |
| Relinquished by: (Signature) _____ | | | | Date _____ | | Time _____ | | Received by: (Signature) _____ | | | | Date _____ | | Time _____ | | | | | |
| Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other _____ | | | | | | | | | | | | Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA _____ | | | | | | | |
| Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | | |



envirotech

W0# 21456411

Chain of Custody

Page 1 of 1

| Client Information | | | | Invoice Information | | Lab Use Only | | TAT | | | | State | | | | | | |
|---|--------------|--------|-------------------|---|--------------|---------------------|-------------------|---|--------------|-------------|----------------|------------|----------------|---------------|------|-----|------|--|
| Client: <u>Devon W PX</u> | | | | Company: <u>Devon Energy</u> | | Lab WO# | Job Number | 1D | 2D | 3D | Std | NM | CO | UT | TX | | | |
| Project: <u>Longview Federal 12 #041</u> | | | | Address: <u>5315 Buena Vista Dr</u> | | <u>E502272</u> | <u>01058-0007</u> | | | | x | x | | | | | | |
| Project Manager: <u>Ashley Giovengo</u> | | | | City, State, Zip: <u>Carlsbad NM, 88220</u> | | | | | | | | | | | | | | |
| Address: <u>3122 National Parks Hwy</u> | | | | Phone: <u>(575)689-7597</u> | | | | | | | | | | | | | | |
| City, State, Zip: <u>Carlsbad NM, 88220</u> | | | | Email: <u>jim.raley@dvn.com</u> | | | | | | | | | | | | | | |
| Phone: <u>575-988-0055</u> | | | | Miscellaneous: <u>Jim Raley</u> | | | | | | | | | | | | | | |
| Email: <u>agiovengo@ensulum.com</u> | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | Analysis and Method | | | | | | | | EPA Program | | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA | |
| 10:34 | 2/25/2025 | Soil | 1 | PH02- 20' | | 1 | | | | | | X | | | | | | |
| 10:54 | 2/25/2025 | Soil | 1 | PH02- 25' | | 2 | | | | | | X | | | | | | |
| 11:01 | 2/25/2025 | Soil | 1 | PH02- 30' | | 3 | | | | | | X | | | | | | |
| 11:19 | 2/25/2025 | Soil | 1 | PH02- 35' | | 4 | | | | | | X | | | | | | |
| 11:25 | 2/25/2025 | Soil | 1 | PH02- 40' | | 5 | | | | | | X | | | | | | |
| 11:51 | 2/25/2025 | Soil | 1 | PH02- 45' | | 6 | | | | | | X | | | | | | |
| 11:54 | 2/25/2025 | Soil | 1 | PH02- 50' | | 7 | | | | | | X | | | | | | |
| 12:14 | 2/25/2025 | Soil | 1 | PH02- 52' | | 8 | | | | | | X | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Additional Instructions: Please CC: cburton@ensulum.com, agiovengo@ensulum.com, jim.raley@dvn.com, iestrella@ensulum.com, chamilton@ensulum.com, bsimmons@ensulum.com, jhinkle@ensulum.com | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | |
| Sampled by: <u>Cole Burton and Jenna Hinkle</u> | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | 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 Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u> | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | |
| 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 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | |



Envirotech Analytical Laboratory

Printed: 2/27/2025 10:26:50AM

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: | WPX Energy - Carlsbad | Date Received: | 02/27/25 04:30 | Work Order ID: | E502272 |
| Phone: | (539) 573-4018 | Date Logged In: | 02/26/25 14:55 | Logged In By: | Caitlin Mars |
| Email: | ashley.giovengo@wesominc.com | Due Date: | 03/05/25 17:00 (4 day TAT) | | |

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

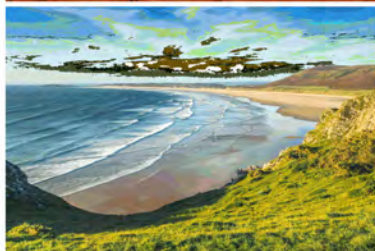
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Longview Federal 12 #014

Work Order: E504076

Job Number: 01058-0007

Received: 4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/16/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Longview Federal 12 #014
Workorder: E504076
Date Received: 4/10/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2025 7:00:00AM, under the Project Name: Longview Federal 12 #014.

The analytical test results summarized in this report with the Project Name: Longview Federal 12 #014 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|-------------------------|------------------|--------------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 15:31 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS01-0.5' | E504076-01A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS02-0.5' | E504076-02A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS03-0.5' | E504076-03A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS04-0.5' | E504076-04A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS05-0.5' | E504076-05A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS06-0.5' | E504076-06A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS07-0.5' | E504076-07A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS08-0.5' | E504076-08A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS09-0.5' | E504076-09A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS10-0.5' | E504076-10A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS11-0.5' | E504076-11A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS12-1.5' | E504076-12A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS13-0.5' | E504076-13A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS14-0.5' | E504076-14A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS15-0.5' | E504076-15A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS16-0.5' | E504076-16A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS17-0.5' | E504076-17A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS18-0.5' | E504076-18A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS19-0.5' | E504076-19A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS20-0.5' | E504076-20A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |



Sample Data

| | | |
|---|--|---|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 4/16/2025 3:31:30PM |
|---|--|---|

FS01-0.5'

E504076-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 102 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.2 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: HM | | Batch: 2515088 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | 115 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2515082 | |
| Chloride | 2970 | 40.0 | 2 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS02-0.5'

E504076-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 102 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 90.7 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: HM | | Batch: 2515088 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | 134 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2515082 | |
| Chloride | 5720 | 100 | 5 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS03-0.5'

E504076-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 102 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.5 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: HM | | Batch: 2515088 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | 133 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2515082 | |
| Chloride | 755 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS04-0.5'

E504076-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 101 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.1 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: HM | | Batch: 2515088 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 108 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2515082 | |
| Chloride | 1730 | 40.0 | 2 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS05-0.5'

E504076-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 101 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.0 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2515088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 108 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2515082 |
| Chloride | 1540 | 40.0 | 2 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS06-0.5'

E504076-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 101 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.5 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2515088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 136 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2515082 |
| Chloride | 449 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS07-0.5'

E504076-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 101 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 90.9 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2515088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 106 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2515082 |
| Chloride | 2460 | 40.0 | 2 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS08-0.5'

E504076-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 102 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.4 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2515088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 129 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2515082 |
| Chloride | 2540 | 40.0 | 2 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS09-0.5'

E504076-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 102 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.1 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2515088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 129 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2515082 |
| Chloride | 1600 | 40.0 | 2 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS10-0.5'

E504076-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 101 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.6 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2515088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 131 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2515082 |
| Chloride | 830 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS11-0.5'

E504076-11

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 102 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.1 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: HM | | Batch: 2515088 | |
| Diesel Range Organics (C10-C28) | 46.2 | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | 66.2 | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 130 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2515082 | |
| Chloride | 3640 | 40.0 | 2 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS12-1.5'

E504076-12

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 102 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.7 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: HM | | Batch: 2515088 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | 104 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2515082 | |
| Chloride | 6670 | 100 | 5 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS13-0.5'

E504076-13

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 103 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.1 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2515088 |
| Diesel Range Organics (C10-C28) | 236 | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | 169 | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 131 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2515082 |
| Chloride | 2850 | 40.0 | 2 | 04/10/25 | 04/10/25 | |



Sample Data

| | | |
|---|--|----------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 4/16/2025 3:31:30PM |
|---|--|----------------------------------|

FS14-0.5'

E504076-14

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | 102 % | 70-130 | | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 91.9 % | 70-130 | | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: HM | | Batch: 2515088 | |
| Diesel Range Organics (C10-C28) | 55.9 | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | 100 | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| Surrogate: n-Nonane | 133 % | 61-141 | | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2515082 | |
| Chloride | 2580 | 40.0 | 2 | 04/10/25 | 04/10/25 | |



Sample Data

| | | |
|---|--|----------------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 4/16/2025 3:31:30PM |
|---|--|----------------------------------|

FS15-0.5'

E504076-15

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | 101 % | 70-130 | | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 91.9 % | 70-130 | | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: HM | | Batch: 2515088 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| Surrogate: n-Nonane | 130 % | 61-141 | | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2515082 | |
| Chloride | 1020 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS16-0.5'

E504076-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 102 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.1 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: HM | | Batch: 2515088 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 133 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2515082 | |
| Chloride | 674 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS17-0.5'

E504076-17

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 101 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.7 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2515088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | 69.1 | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 132 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2515082 |
| Chloride | 1210 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS18-0.5'

E504076-18

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 101 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.7 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2515088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 129 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2515082 |
| Chloride | 768 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS19-0.5'

E504076-19

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 101 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515078 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.1 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: HM | | Batch: 2515088 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 126 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2515082 | |
| Chloride | 429 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 3:31:30PM

FS20-0.5'

E504076-20

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 102 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.6 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: HM | | Batch: 2515088 |
| Diesel Range Organics (C10-C28) | 29.8 | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | 57.2 | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 128 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2515082 |
| Chloride | 2760 | 40.0 | 2 | 04/10/25 | 04/10/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 3:31:30PM |

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2515078-BLK1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.80 | | 8.00 | | 97.4 | 70-130 | | | |

LCS (2515078-BS1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 5.42 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| Ethylbenzene | 5.29 | 0.0250 | 5.00 | | 106 | 70-130 | | | |
| Toluene | 5.37 | 0.0250 | 5.00 | | 107 | 70-130 | | | |
| o-Xylene | 5.23 | 0.0250 | 5.00 | | 105 | 70-130 | | | |
| p,m-Xylene | 10.6 | 0.0500 | 10.0 | | 106 | 70-130 | | | |
| Total Xylenes | 15.9 | 0.0250 | 15.0 | | 106 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.92 | | 8.00 | | 98.9 | 70-130 | | | |

Matrix Spike (2515078-MS1)

Source: E504076-04

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|-----|--------|--|--|--|
| Benzene | 5.34 | 0.0250 | 5.00 | ND | 107 | 70-130 | | | |
| Ethylbenzene | 5.20 | 0.0250 | 5.00 | ND | 104 | 70-130 | | | |
| Toluene | 5.29 | 0.0250 | 5.00 | ND | 106 | 70-130 | | | |
| o-Xylene | 5.14 | 0.0250 | 5.00 | ND | 103 | 70-130 | | | |
| p,m-Xylene | 10.4 | 0.0500 | 10.0 | ND | 104 | 70-130 | | | |
| Total Xylenes | 15.6 | 0.0250 | 15.0 | ND | 104 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.12 | | 8.00 | | 102 | 70-130 | | | |

Matrix Spike Dup (2515078-MSD1)

Source: E504076-04

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|-----|--------|------|----|--|
| Benzene | 5.64 | 0.0250 | 5.00 | ND | 113 | 70-130 | 5.50 | 27 | |
| Ethylbenzene | 5.51 | 0.0250 | 5.00 | ND | 110 | 70-130 | 5.75 | 26 | |
| Toluene | 5.59 | 0.0250 | 5.00 | ND | 112 | 70-130 | 5.57 | 20 | |
| o-Xylene | 5.44 | 0.0250 | 5.00 | ND | 109 | 70-130 | 5.76 | 25 | |
| p,m-Xylene | 11.0 | 0.0500 | 10.0 | ND | 110 | 70-130 | 5.63 | 23 | |
| Total Xylenes | 16.5 | 0.0250 | 15.0 | ND | 110 | 70-130 | 5.67 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.02 | | 8.00 | | 100 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 3:31:30PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2515078-BLK1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.34 | | 8.00 | | 91.7 | 70-130 | | | |

LCS (2515078-BS2)

Prepared: 04/10/25 Analyzed: 04/15/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 41.7 | 20.0 | 50.0 | | 83.5 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.81 | | 8.00 | | 97.6 | 70-130 | | | |

Matrix Spike (2515078-MS2)

Source: E504076-04

Prepared: 04/10/25 Analyzed: 04/16/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 43.2 | 20.0 | 50.0 | ND | 86.5 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.29 | | 8.00 | | 104 | 70-130 | | | |

Matrix Spike Dup (2515078-MSD2)

Source: E504076-04

Prepared: 04/10/25 Analyzed: 04/16/25

| | | | | | | | | | |
|---|------|------|------|----|-----|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 50.5 | 20.0 | 50.0 | ND | 101 | 70-130 | 15.5 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.35 | | 8.00 | | 104 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 3:31:30PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2515088-BLK1) | | | | | Prepared: 04/10/25 Analyzed: 04/12/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 55.8 | | 50.0 | | 112 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2515088-BS1) | | | | | Prepared: 04/10/25 Analyzed: 04/12/25 | | | | |
| Diesel Range Organics (C10-C28) | 298 | 25.0 | 250 | | 119 | 66-144 | | | |
| Surrogate: n-Nonane | 53.9 | | 50.0 | | 108 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2515088-MS1) | | | | | Source: E504076-04 | | Prepared: 04/10/25 Analyzed: 04/12/25 | | |
| Diesel Range Organics (C10-C28) | 303 | 25.0 | 250 | ND | 121 | 56-156 | | | |
| Surrogate: n-Nonane | 55.0 | | 50.0 | | 110 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2515088-MSD1) | | | | | Source: E504076-04 | | Prepared: 04/10/25 Analyzed: 04/12/25 | | |
| Diesel Range Organics (C10-C28) | 305 | 25.0 | 250 | ND | 122 | 56-156 | 0.626 | 20 | |
| Surrogate: n-Nonane | 55.0 | | 50.0 | | 110 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 3:31:30PM |

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 (2515082-BLK1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2515082-BS1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Chloride | 258 | 20.0 | 250 | | 103 | 90-110 | | | |
| Matrix Spike (2515082-MS1) | | | | | Source: E504076-06 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Chloride | 705 | 20.0 | 250 | 449 | 102 | 80-120 | | | |
| Matrix Spike Dup (2515082-MSD1) | | | | | Source: E504076-06 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Chloride | 715 | 20.0 | 250 | 449 | 107 | 80-120 | 1.47 | 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: | Longview Federal 12 #014 | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 15:31 |

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



Chain of Custody

Page 1 of 4

| Client Information | | | | Invoice Information | | Lab Use Only | | TAT | | | | State | | | | | | | |
|---|--------------|--------|-------------------|--------------------------------------|--------------|--------------|-----------------|--|--------------|--|----------------|-------------|----------------|---------------|------|-------------|------|--|--|
| Client: Devon | | | | Company: Devon | | Lab WO# | | 1D 2D 3D Std | | | | NM CO UT TX | | | | | | | |
| Project: Lonview Federal 12 #014 | | | | Address: 5315 Buena Vista Dr | | E504076 | | Job Number | | | | 01058-0007 | | | | | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | x | | | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@dv.com | | | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | | | |
| Email: agiovengo@ensolum.com | | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | | | Analysis and Method | | | | | | EPA Program | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA | | |
| 0855 | 4/18/25 | Soil | 1 | FS01 - 0.5' | | 1 | | | | | | X | | | | | | | |
| 0857 | | | | FS02 - 0.5' | | 2 | | | | | | X | | | | | | | |
| 0900 | | | | FS03 - 0.5' | | 3 | | | | | | X | | | | | | | |
| 0902 | | | | FS04 - 0.5' | | 4 | | | | | | X | | | | | | | |
| 0904 | | | | FS05 - 0.5' | | 5 | | | | | | X | | | | | | | |
| 0907 | | | | FS06 - 0.5' | | 6 | | | | | | X | | | | | | | |
| 0910 | | | | FS07 - 0.5' | | 7 | | | | | | X | | | | | | | |
| 0912 | | | | FS08 - 0.5' | | 8 | | | | | | X | | | | | | | |
| 0914 | | | | FS09 - 0.5' | | 9 | | | | | | X | | | | | | | |
| 0917 | | | | FS10 - 0.5' | | 10 | | | | | | X | | | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.com, chamilton@ensolum.com, iestrella@ensolum.com | | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | | |
| Sampled by: _Israel Estrella | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | 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. Lab Use Only Received on ice: Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4 | | | | | | | | | | | |
| Michelle Gonzales | | 4-9-25 | 7:11 | Michelle Gonzales | | 4-9-25 | 0711 | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | | |
| Richard Gonzales | | 4-9-25 | 1530 | Richard Gonzales | | 4-9-25 | 1530 | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | | |
| Richard Gonzales | | 4-9-25 | 2130 | Noe Soto | | 4-9-25 | 0700 | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 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 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | | |



Chain of Custody

Page 2 of 4

| Client Information | | | | Invoice Information | | Lab Use Only | | TAT | | | | State | | | | | |
|---|--------------|--------|-------------------|--------------------------------------|--------------|--------------|-----------------|---|--------------|---------------------|----------------|-------------|----------------|---------------|------|-----|------|
| Client: Devon | | | | Company: Devon | | Lab WO# | | 1D 2D 3D Std | | | | NM CO UT TX | | | | | |
| Project: Lonview Federal 12 #014 | | | | Address: 5315 Buena Vista Dr | | E504076 | | Job Number | | | | 01058-0007 | | | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | X | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@dvn.com | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | |
| Email: agiovengo@ensolum.com | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | | | Analysis and Method | | | | EPA Program | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA |
| 0920 | 4/8/25 | Soil | 1 | FS11 - 0.5 | | 11 | | | | | | X | | | | | |
| 1330 | | | | FS12 - 1.5 | | 12 | | | | | | X | | | | | |
| 0925 | | | | FS13 0.5 | | 13 | | | | | | X | | | | | |
| 0927 | | | | 14 | | 14 | | | | | | X | | | | | |
| 0931 | | | | 15 | | 15 | | | | | | X | | | | | |
| 0934 | | | | 16 | | 16 | | | | | | X | | | | | |
| 0937 | | | | 17 | | 17 | | | | | | X | | | | | |
| 0941 | | | | 18 | | 18 | | | | | | X | | | | | |
| 0942 | | | | 19 | | 19 | | | | | | X | | | | | |
| 0944 | ↓ | ↓ | ↓ | 20 | | 20 | | | | | | X | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, chamilton@ensolum.com, iestrella@ensolum.com | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | |
| Sampled by: Israel Estrella | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | 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. <div> Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4 </div> | | | | | | | | | |
| Michelle Gonzales | | 4-9-25 | 07:11 | Michelle Gonzales | | 4-9-25 | 0711 | | | | | | | | | | |
| Michelle Gonzales | | 4-9-25 | 1530 | Richard Gonzales | | 4-9-25 | 1530 | | | | | | | | | | |
| Richard Gonzales | | 4-9-25 | 2:30 | Noe Saito | | 4-10-25 | 0700 | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | |
| 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 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | |



Envirotech Analytical Laboratory

Printed: 4/10/2025 8:56:46AM

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: | 04/10/25 07:00 | Work Order ID: | E504076 |
| Phone: | (505) 382-1211 | Date Logged In: | 04/09/25 14:41 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 04/16/25 17:00 (4 day TAT) | | |

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Project Longview Federal 12 #014 has been separated into 2 Reports due to sample volume. WO are E504076 & E504077.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Longview Federal 12 #014

Work Order: E504077

Job Number: 01058-0007

Received: 4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/16/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Longview Federal 12 #014
Workorder: E504077
Date Received: 4/10/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2025 7:00:00AM, under the Project Name: Longview Federal 12 #014.

The analytical test results summarized in this report with the Project Name: Longview Federal 12 #014 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|-------------------------|------------------|--------------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 14:15 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS21-1' | E504077-01A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS22-0.5' | E504077-02A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS23-0.5' | E504077-03A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS24-0.5' | E504077-04A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS25-0.5' | E504077-05A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS26-0.5' | E504077-06A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS27-0.5' | E504077-07A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS28-0.5' | E504077-08A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS29-0.5' | E504077-09A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS30-0.5' | E504077-10A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS31-0.5' | E504077-11A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS32-0.5' | E504077-12A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS33-0.5' | E504077-13A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS34-0.5' | E504077-14A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS35-0.5' | E504077-15A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS36-0.5' | E504077-16A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS37-0.5' | E504077-17A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS38-0.5' | E504077-18A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS39-0.5' | E504077-19A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| FS40-0.5' | E504077-20A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS21-1'

E504077-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 103 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 92.7 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/15/25 | |
| Oil Range Organics (C28-C36) | 64.5 | 50.0 | 1 | 04/10/25 | 04/15/25 | |
| <i>Surrogate: n-Nonane</i> | | 137 % | 61-141 | 04/10/25 | 04/15/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 2010 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS22-0.5'

E504077-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.1 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2515089 |
| Diesel Range Organics (C10-C28) | 65.4 | 25.0 | 1 | 04/10/25 | 04/15/25 | |
| Oil Range Organics (C28-C36) | 63.8 | 50.0 | 1 | 04/10/25 | 04/15/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 142 % | 61-141 | 04/10/25 | 04/15/25 | S3 |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2515111 |
| Chloride | 6020 | 100 | 5 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS23-0.5'

E504077-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.8 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | 55.6 | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | 70.3 | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 137 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 2910 | 40.0 | 2 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS24-0.5'

E504077-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 103 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.5 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2515089 |
| Diesel Range Organics (C10-C28) | 53.4 | 25.0 | 1 | 04/10/25 | 04/15/25 | |
| Oil Range Organics (C28-C36) | 84.3 | 50.0 | 1 | 04/10/25 | 04/15/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 139 % | 61-141 | 04/10/25 | 04/15/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2515111 |
| Chloride | 1430 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS25-0.5'

E504077-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 102 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.9 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 134 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 1600 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS26-0.5'

E504077-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/11/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 100 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.7 % | 70-130 | 04/10/25 | 04/11/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2515089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 140 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2515111 |
| Chloride | 1490 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS27-0.5'

E504077-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 103 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.9 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | 138 | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 139 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 1070 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS28-0.5'

E504077-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 103 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.1 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 139 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 1220 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS29-0.5'

E504077-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.8 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2515089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 140 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2515111 |
| Chloride | 792 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS30-0.5'

E504077-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 103 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.0 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/12/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 114 % | 61-141 | 04/10/25 | 04/12/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 2010 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS31-0.5'

E504077-11

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.8 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2515089 |
| Diesel Range Organics (C10-C28) | 30.4 | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 140 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2515111 |
| Chloride | 1980 | 40.0 | 2 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS32-0.5'

E504077-12

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.8 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2515089 |
| Diesel Range Organics (C10-C28) | 36.1 | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | 88.0 | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 144 % | 61-141 | 04/10/25 | 04/16/25 | S3 |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2515111 |
| Chloride | 1480 | 40.0 | 2 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS33-0.5'

E504077-13

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 105 % | 70-130 | | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 90.7 % | 70-130 | | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | 50.0 | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 136 % | 61-141 | | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 4520 | 100 | 5 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS34-0.5'

E504077-14

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 105 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.5 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | 60.7 | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | 53.3 | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 136 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 2930 | 40.0 | 2 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS35-0.5'

E504077-15

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 105 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.3 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2515089 |
| Diesel Range Organics (C10-C28) | 28.5 | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | 99.8 | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 138 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2515111 |
| Chloride | 2120 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS36-0.5'

E504077-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 105 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 90.9 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | 54.6 | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | 167 | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 137 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 2300 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS37-0.5'

E504077-17

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 105 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.0 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 134 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 2660 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS38-0.5'

E504077-18

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 106 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.1 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | 139 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 2650 | 20.0 | 1 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS39-0.5'

E504077-19

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|--------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 105 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: BA | | Batch: 2515079 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 91.9 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2515089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 139 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: RAS | | Batch: 2515111 |
| Chloride | 4350 | 40.0 | 2 | 04/11/25 | 04/11/25 | |



Sample Data

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

Project Name: Longview Federal 12 #014
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 2:15:44PM

FS40-0.5'

E504077-20

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/12/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 106 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: BA | | Batch: 2515079 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/12/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 92.0 % | 70-130 | 04/10/25 | 04/12/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2515089 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/16/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/16/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 135 % | 61-141 | 04/10/25 | 04/16/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: RAS | | Batch: 2515111 | |
| Chloride | 4770 | 40.0 | 2 | 04/11/25 | 04/11/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 2:15:44PM |

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2515079-BLK1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.01 | | 8.00 | | 100 | 70-130 | | | |

LCS (2515079-BS1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.83 | 0.0250 | 5.00 | | 96.5 | 70-130 | | | |
| Ethylbenzene | 4.76 | 0.0250 | 5.00 | | 95.1 | 70-130 | | | |
| Toluene | 4.83 | 0.0250 | 5.00 | | 96.7 | 70-130 | | | |
| o-Xylene | 4.73 | 0.0250 | 5.00 | | 94.5 | 70-130 | | | |
| p,m-Xylene | 9.59 | 0.0500 | 10.0 | | 95.9 | 70-130 | | | |
| Total Xylenes | 14.3 | 0.0250 | 15.0 | | 95.4 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.98 | | 8.00 | | 99.7 | 70-130 | | | |

Matrix Spike (2515079-MS1)

Source: E504077-06

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 5.01 | 0.0250 | 5.00 | ND | 100 | 70-130 | | | |
| Ethylbenzene | 4.88 | 0.0250 | 5.00 | ND | 97.6 | 70-130 | | | |
| Toluene | 4.96 | 0.0250 | 5.00 | ND | 99.2 | 70-130 | | | |
| o-Xylene | 4.83 | 0.0250 | 5.00 | ND | 96.5 | 70-130 | | | |
| p,m-Xylene | 9.81 | 0.0500 | 10.0 | ND | 98.1 | 70-130 | | | |
| Total Xylenes | 14.6 | 0.0250 | 15.0 | ND | 97.6 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.04 | | 8.00 | | 101 | 70-130 | | | |

Matrix Spike Dup (2515079-MSD1)

Source: E504077-06

Prepared: 04/10/25 Analyzed: 04/12/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 5.13 | 0.0250 | 5.00 | ND | 103 | 70-130 | 2.42 | 27 | |
| Ethylbenzene | 5.02 | 0.0250 | 5.00 | ND | 100 | 70-130 | 2.85 | 26 | |
| Toluene | 5.09 | 0.0250 | 5.00 | ND | 102 | 70-130 | 2.63 | 20 | |
| o-Xylene | 4.95 | 0.0250 | 5.00 | ND | 99.1 | 70-130 | 2.61 | 25 | |
| p,m-Xylene | 10.1 | 0.0500 | 10.0 | ND | 101 | 70-130 | 2.81 | 23 | |
| Total Xylenes | 15.0 | 0.0250 | 15.0 | ND | 100 | 70-130 | 2.75 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.10 | | 8.00 | | 101 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 2:15:44PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2515079-BLK1) Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.37 | | 8.00 | | 92.1 | 70-130 | | | |

LCS (2515079-BS2) Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 36.7 | 20.0 | 50.0 | | 73.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.49 | | 8.00 | | 93.6 | 70-130 | | | |

Matrix Spike (2515079-MS2) Source: E504077-06 Prepared: 04/10/25 Analyzed: 04/12/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 39.9 | 20.0 | 50.0 | ND | 79.7 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.44 | | 8.00 | | 93.0 | 70-130 | | | |

Matrix Spike Dup (2515079-MSD2) Source: E504077-06 Prepared: 04/10/25 Analyzed: 04/12/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 41.7 | 20.0 | 50.0 | ND | 83.4 | 70-130 | 4.57 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.48 | | 8.00 | | 93.5 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 2:15:44PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: IY

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2515089-BLK1) | | | | | Prepared: 04/10/25 Analyzed: 04/12/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 66.1 | | 50.0 | | 132 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2515089-BS1) | | | | | Prepared: 04/10/25 Analyzed: 04/12/25 | | | | |
| Diesel Range Organics (C10-C28) | 302 | 25.0 | 250 | | 121 | 66-144 | | | |
| Surrogate: n-Nonane | 57.0 | | 50.0 | | 114 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|------|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2515089-MS1) | | | | | Source: E504077-04 | | Prepared: 04/10/25 Analyzed: 04/15/25 | | |
| Diesel Range Organics (C10-C28) | 386 | 25.0 | 250 | 53.4 | 133 | 56-156 | | | |
| Surrogate: n-Nonane | 69.0 | | 50.0 | | 138 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|------|--------------------|--------|---------------------------------------|----|--------|
| Matrix Spike Dup (2515089-MSD1) | | | | | Source: E504077-04 | | Prepared: 04/10/25 Analyzed: 04/15/25 | | |
| Diesel Range Organics (C10-C28) | 530 | 25.0 | 250 | 53.4 | 191 | 56-156 | 31.5 | 20 | M1, R3 |
| Surrogate: n-Nonane | 70.0 | | 50.0 | | 140 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 2:15:44PM |

Anions by EPA 300.0/9056A

Analyst: RAS

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

| | | | | | | | | | |
|---------------------------------|------|------|-----|------|---------------------------------------|--------|---------------------------------------|----|----|
| Blank (2515111-BLK1) | | | | | Prepared: 04/11/25 Analyzed: 04/11/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2515111-BS1) | | | | | Prepared: 04/11/25 Analyzed: 04/11/25 | | | | |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2515111-MS1) | | | | | Source: E504077-02 | | Prepared: 04/11/25 Analyzed: 04/11/25 | | |
| Chloride | 6640 | 100 | 250 | 6020 | 247 | 80-120 | | | M4 |
| Matrix Spike Dup (2515111-MSD1) | | | | | Source: E504077-02 | | Prepared: 04/11/25 Analyzed: 04/11/25 | | |
| Chloride | 6660 | 100 | 250 | 6020 | 253 | 80-120 | 0.233 | 20 | M4 |

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



Definitions and Notes

| | | | |
|-------------------------|------------------|--------------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 14:15 |

- M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
- 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.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- S3 Surrogate spike recovery was outside acceptance limits. LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

Page 3 of 4

Received by OCD: 5/8/2025 2:08:18 PM

| Client Information | | | | Invoice Information | | Lab Use Only | | TAT | | | | State | | | | | | |
|---|--------------|--------|-------------------|--------------------------------------|--------------|--------------|-----------------|--|--------------|---------------------|----------------|------------|----------------|---------------|------------|-----|------|---|
| Client: Devon | | | | Company: Devon | | Lab WO# | Job Number | 1D | 2D | 3D | Std | NM | CO | UT | TX | | | |
| Project: Lonview Federal 12 #014 | | | | Address: 5315 Buena Vista Dr | | E504077 | 0058-0007 | | | | x | x | | | | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | | | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@dv.com | | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | | |
| Email: agiovengo@ensolum.com | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | | | Analysis and Method | | | | EPA Program | | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA | |
| | | | | | | | | | | | | | | | Compliance | Y | or | N |
| | | | | | | | | | | | | | | | PWSID # | | | |
| | | | | | | | | | | | | | | | Remarks | | | |
| 1333 | 4/8/25 | soil | 1 | FS 21 - 1' | | 1 | | | | | | x | | | | | | |
| 0947 | | | | 22 - 0.5 | | 2 | | | | | | x | | | | | | |
| 0955 | | | | 23 | | 3 | | | | | | x | | | | | | |
| 0959 | | | | 24 | | 4 | | | | | | x | | | | | | |
| 1002 | | | | 25 | | 5 | | | | | | x | | | | | | |
| 1005 | | | | 26 | | 6 | | | | | | x | | | | | | |
| 1008 | | | | 27 | | 7 | | | | | | x | | | | | | |
| 1010 | | | | 28 | | 8 | | | | | | x | | | | | | |
| 1013 | | | | 29 | | 9 | | | | | | x | | | | | | |
| 1019 | | | | 30 | | 10 | | | | | | x | | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.com, chamilton@ensolum.com, iestrella@ensolum.com | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | |
| Sampled by: _Israel Estrella | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | 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. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4 | | | | | | | | | | |
| Michelle Gonzales | | 4-9-25 | 7:11 | Michelle Gonzales | | 4-9-25 | 0711 | | | | | | | | | | | |
| Michelle Gonzales | | 4-9-25 | 1530 | Richard Gonzales | | 4-9-25 | 1530 | | | | | | | | | | | |
| Richard Gonzales | | 4-9-25 | 2130 | Noe Saito | | 4-10-25 | 0700 | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | |
| 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 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | |

Page 31 of 33

Page 178 of 230



envirotech

Chain of Custody

Page 4 of 4

| Client Information | | | | Invoice Information | | | | Lab Use Only | | | | TAT | | | | State | | | |
|---|--------------|--------|-------------------|--------------------------------------|--------------|------------|-----------------|--|--------------|-------------|----------------|--|----------------|---------------|------|-------------|------|------------|--------|
| Client: Devon | | | | Company: Devon | | | | Lab WO# | | Job Number | | 1D | 2D | 3D | Std | NM | CO | UT | TX |
| Project: Lonview Federal 12 #014 | | | | Address: 5315 Buena Vista Dr | | | | E504077 | | 01058-0007 | | | | | x | x | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | | | | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@dv.com | | | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | | | |
| Email: agiovento@ensolum.com | | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | | | | | Analysis and Method | | | | EPA Program | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA | Compliance | Y or N |
| 1024 | 4/8/25 | Soil | 1 | FS 31 - 0.5' | | 11 | | | | | | x | | | | | | | |
| 1027 | | | | 32 | | 12 | | | | | | x | | | | | | | |
| 1029 | | | | 33 | | 13 | | | | | | x | | | | | | | |
| 1157 | | | | 34 | | 14 | | | | | | x | | | | | | | |
| 1159 | | | | 35 | | 15 | | | | | | x | | | | | | | |
| 1201 | | | | 36 | | 16 | | | | | | x | | | | | | | |
| 1203 | | | | 37 | | 17 | | | | | | x | | | | | | | |
| 1204 | | | | 38 | | 18 | | | | | | x | | | | | | | |
| 1206 | | | | 39 | | 19 | | | | | | x | | | | | | | |
| 1208 | | | | 40 | | 20 | | | | | | x | | | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovento@ensolum.com, jim.raley@dv.com, chamilton@ensolum.com, iestrella@ensolum.com | | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | | |
| Sampled by: _Israel Estrella | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | 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. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u> | | | | | | | | | | | |
| Michelle Gonzales | | 4-9-25 | 7:11 | Michelle Gonzales | | 4-9-25 | 0711 | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | | |
| Richard Gonzales | | 4-9-25 | 1530 | Richard Gonzales | | 4-9-25 | 1530 | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | | |
| Richard Gonzales | | 4-9-25 | 2130 | Noe Soto | | 4-10-25 | 0700 | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 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 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | | |



envirotech

Envirotech Analytical Laboratory

Printed: 4/10/2025 8:57:29AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

| | | | | | |
|---------|-------------------------|-----------------|----------------------------|----------------|--------------|
| Client: | Devon Energy - Carlsbad | Date Received: | 04/10/25 07:00 | Work Order ID: | E504077 |
| Phone: | (505) 382-1211 | Date Logged In: | 04/09/25 14:46 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 04/16/25 17:00 (4 day TAT) | | |

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

. Project Longview Federal 12 #014 has been separated into 2 Reports due to sample volume. WO are E504076 & E504077.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Longview Federal 12 #014

Work Order: E505005

Job Number: 01058-0007

Received: 5/2/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/5/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/5/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220



Project Name: Longview Federal 12 #014
Workorder: E505005
Date Received: 5/2/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/2/2025 7:00:00AM, under the Project Name: Longview Federal 12 #014.

The analytical test results summarized in this report with the Project Name: Longview Federal 12 #014 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|-----------------------|------------------|--------------------------|-----------------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: 05/05/25 14:26 |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS010-0' | E505005-01A | Soil | 04/30/25 | 05/02/25 | Glass Jar, 2 oz. |



Sample Data

| | | |
|--|--|---------------------------------|
| WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 5/5/2025 2:26:03PM |
|--|--|---------------------------------|

SS010-0'

E505005-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2518103 | |
| Benzene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| Toluene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 05/02/25 | 05/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | 84.1 % | 70-130 | | 05/02/25 | 05/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2518103 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 05/02/25 | 05/02/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 92.2 % | 70-130 | | 05/02/25 | 05/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: NV | | Batch: 2518099 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/02/25 | 05/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/02/25 | 05/02/25 | |
| Surrogate: n-Nonane | 97.1 % | 61-141 | | 05/02/25 | 05/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2518107 | |
| Chloride | 3640 | 40.0 | 2 | 05/02/25 | 05/02/25 | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|--------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 5/5/2025 2:26:03PM |

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2518103-BLK1)

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.73 | | 8.00 | | 84.1 | 70-130 | | | |

LCS (2518103-BS1)

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.79 | 0.0250 | 5.00 | | 95.8 | 70-130 | | | |
| Ethylbenzene | 5.39 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| Toluene | 5.22 | 0.0250 | 5.00 | | 104 | 70-130 | | | |
| o-Xylene | 5.37 | 0.0250 | 5.00 | | 107 | 70-130 | | | |
| p,m-Xylene | 10.9 | 0.0500 | 10.0 | | 109 | 70-130 | | | |
| Total Xylenes | 16.3 | 0.0250 | 15.0 | | 108 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.84 | | 8.00 | | 85.4 | 70-130 | | | |

Matrix Spike (2518103-MS1)

Source: E505007-02

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.64 | 0.0250 | 5.00 | ND | 92.8 | 70-130 | | | |
| Ethylbenzene | 5.18 | 0.0250 | 5.00 | ND | 104 | 70-130 | | | |
| Toluene | 5.02 | 0.0250 | 5.00 | ND | 100 | 70-130 | | | |
| o-Xylene | 5.16 | 0.0250 | 5.00 | ND | 103 | 70-130 | | | |
| p,m-Xylene | 10.5 | 0.0500 | 10.0 | ND | 105 | 70-130 | | | |
| Total Xylenes | 15.7 | 0.0250 | 15.0 | ND | 104 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.88 | | 8.00 | | 86.1 | 70-130 | | | |

Matrix Spike Dup (2518103-MSD1)

Source: E505007-02

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--------|----|--|
| Benzene | 4.65 | 0.0250 | 5.00 | ND | 92.9 | 70-130 | 0.170 | 27 | |
| Ethylbenzene | 5.19 | 0.0250 | 5.00 | ND | 104 | 70-130 | 0.0858 | 26 | |
| Toluene | 5.02 | 0.0250 | 5.00 | ND | 100 | 70-130 | 0.124 | 20 | |
| o-Xylene | 5.17 | 0.0250 | 5.00 | ND | 103 | 70-130 | 0.250 | 25 | |
| p,m-Xylene | 10.5 | 0.0500 | 10.0 | ND | 105 | 70-130 | 0.252 | 23 | |
| Total Xylenes | 15.7 | 0.0250 | 15.0 | ND | 104 | 70-130 | 0.00 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.72 | | 8.00 | | 84.0 | 70-130 | | | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|--------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 5/5/2025 2:26:03PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2518103-BLK1) Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.53 | | 8.00 | | 94.2 | 70-130 | | | |

LCS (2518103-BS2) Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 44.9 | 20.0 | 50.0 | | 89.8 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 | | 8.00 | | 94.9 | 70-130 | | | |

Matrix Spike (2518103-MS2) Source: E505007-02 Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 44.9 | 20.0 | 50.0 | ND | 89.8 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.62 | | 8.00 | | 95.2 | 70-130 | | | |

Matrix Spike Dup (2518103-MSD2) Source: E505007-02 Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 49.1 | 20.0 | 50.0 | ND | 98.3 | 70-130 | 9.00 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.78 | | 8.00 | | 97.2 | 70-130 | | | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|--------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 5/5/2025 2:26:03PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2518099-BLK1) | | | | | Prepared: 05/02/25 Analyzed: 05/02/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 49.4 | | 50.0 | | 98.8 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2518099-BS1) | | | | | Prepared: 05/02/25 Analyzed: 05/02/25 | | | | |
| Diesel Range Organics (C10-C28) | 267 | 25.0 | 250 | | 107 | 66-144 | | | |
| Surrogate: n-Nonane | 49.1 | | 50.0 | | 98.3 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2518099-MS1) | | | | | Source: E505001-11 | | Prepared: 05/02/25 Analyzed: 05/02/25 | | |
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | ND | 106 | 56-156 | | | |
| Surrogate: n-Nonane | 48.7 | | 50.0 | | 97.5 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2518099-MSD1) | | | | | Source: E505001-11 | | Prepared: 05/02/25 Analyzed: 05/02/25 | | |
| Diesel Range Organics (C10-C28) | 269 | 25.0 | 250 | ND | 107 | 56-156 | 0.980 | 20 | |
| Surrogate: n-Nonane | 48.6 | | 50.0 | | 97.3 | 61-141 | | | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|--------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 5/5/2025 2:26:03PM |

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 (2518107-BLK1) | | | | | Prepared: 05/02/25 Analyzed: 05/02/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2518107-BS1) | | | | | Prepared: 05/02/25 Analyzed: 05/02/25 | | | | |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2518107-MS1) | | | | | Source: E505007-01 | | Prepared: 05/02/25 Analyzed: 05/02/25 | | |
| Chloride | 309 | 20.0 | 250 | 74.1 | 94.1 | 80-120 | | | |
| Matrix Spike Dup (2518107-MSD1) | | | | | Source: E505007-01 | | Prepared: 05/02/25 Analyzed: 05/02/25 | | |
| Chloride | 331 | 20.0 | 250 | 74.1 | 103 | 80-120 | 6.76 | 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

| | | | |
|-----------------------|------------------|--------------------------|----------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 05/05/25 14:26 |

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



Page 1 of 1

Page 191 of 230

Envirotech Analytical Laboratory

Printed: 5/2/2025 8:37:23AM

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: | WPX Energy - Carlsbad | Date Received: | 05/02/25 07:00 | Work Order ID: | E505005 |
| Phone: | (539) 573-4018 | Date Logged In: | 05/01/25 14:52 | Logged In By: | Caitlin Mars |
| Email: | ashley.giovengo@wesominc.com | Due Date: | 05/02/25 17:00 (0 day TAT) | | |

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Longview Federal 12 #014

Work Order: E505006

Job Number: 01058-0007

Received: 5/2/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/5/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/5/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220



Project Name: Longview Federal 12 #014
Workorder: E505006
Date Received: 5/2/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/2/2025 7:00:00AM, under the Project Name: Longview Federal 12 #014.

The analytical test results summarized in this report with the Project Name: Longview Federal 12 #014 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 8 |
| QC - Anions by EPA 300.0/9056A | 9 |
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Sample Summary

| | | | |
|-----------------------|------------------|--------------------------|---------------------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: 05/05/25 14:23 |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS08-0' | E505006-01A | Soil | 04/30/25 | 05/02/25 | Glass Jar, 2 oz. |
| SS08A-0' | E505006-02A | Soil | 04/30/25 | 05/02/25 | Glass Jar, 2 oz. |



Sample Data

| | | |
|--|--|---------------------------------|
| WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 5/5/2025 2:23:44PM |
|--|--|---------------------------------|

SS08-0'
E505006-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2518103 | |
| Benzene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| Toluene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 05/02/25 | 05/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | 86.2 % | 70-130 | | 05/02/25 | 05/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2518103 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 05/02/25 | 05/02/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 92.6 % | 70-130 | | 05/02/25 | 05/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: NV | | Batch: 2518099 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/02/25 | 05/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/02/25 | 05/02/25 | |
| Surrogate: n-Nonane | 99.3 % | 61-141 | | 05/02/25 | 05/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2518107 | |
| Chloride | 121 | 20.0 | 1 | 05/02/25 | 05/02/25 | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|--------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 5/5/2025 2:23:44PM |

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2518103-BLK1)

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.73 | | 8.00 | | 84.1 | 70-130 | | | |

LCS (2518103-BS1)

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.79 | 0.0250 | 5.00 | | 95.8 | 70-130 | | | |
| Ethylbenzene | 5.39 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| Toluene | 5.22 | 0.0250 | 5.00 | | 104 | 70-130 | | | |
| o-Xylene | 5.37 | 0.0250 | 5.00 | | 107 | 70-130 | | | |
| p,m-Xylene | 10.9 | 0.0500 | 10.0 | | 109 | 70-130 | | | |
| Total Xylenes | 16.3 | 0.0250 | 15.0 | | 108 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.84 | | 8.00 | | 85.4 | 70-130 | | | |

Matrix Spike (2518103-MS1)

Source: E505007-02

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.64 | 0.0250 | 5.00 | ND | 92.8 | 70-130 | | | |
| Ethylbenzene | 5.18 | 0.0250 | 5.00 | ND | 104 | 70-130 | | | |
| Toluene | 5.02 | 0.0250 | 5.00 | ND | 100 | 70-130 | | | |
| o-Xylene | 5.16 | 0.0250 | 5.00 | ND | 103 | 70-130 | | | |
| p,m-Xylene | 10.5 | 0.0500 | 10.0 | ND | 105 | 70-130 | | | |
| Total Xylenes | 15.7 | 0.0250 | 15.0 | ND | 104 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.88 | | 8.00 | | 86.1 | 70-130 | | | |

Matrix Spike Dup (2518103-MSD1)

Source: E505007-02

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--------|----|--|
| Benzene | 4.65 | 0.0250 | 5.00 | ND | 92.9 | 70-130 | 0.170 | 27 | |
| Ethylbenzene | 5.19 | 0.0250 | 5.00 | ND | 104 | 70-130 | 0.0858 | 26 | |
| Toluene | 5.02 | 0.0250 | 5.00 | ND | 100 | 70-130 | 0.124 | 20 | |
| o-Xylene | 5.17 | 0.0250 | 5.00 | ND | 103 | 70-130 | 0.250 | 25 | |
| p,m-Xylene | 10.5 | 0.0500 | 10.0 | ND | 105 | 70-130 | 0.252 | 23 | |
| Total Xylenes | 15.7 | 0.0250 | 15.0 | ND | 104 | 70-130 | 0.00 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.72 | | 8.00 | | 84.0 | 70-130 | | | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|--------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 5/5/2025 2:23:44PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2518103-BLK1) Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.53 | | 8.00 | | 94.2 | 70-130 | | | |

LCS (2518103-BS2) Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 44.9 | 20.0 | 50.0 | | 89.8 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 | | 8.00 | | 94.9 | 70-130 | | | |

Matrix Spike (2518103-MS2) Source: E505007-02 Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 44.9 | 20.0 | 50.0 | ND | 89.8 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.62 | | 8.00 | | 95.2 | 70-130 | | | |

Matrix Spike Dup (2518103-MSD2) Source: E505007-02 Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 49.1 | 20.0 | 50.0 | ND | 98.3 | 70-130 | 9.00 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.78 | | 8.00 | | 97.2 | 70-130 | | | |



QC Summary Data

| | | |
|--|--|---------------------------------|
| WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 5/5/2025 2:23:44PM |
|--|--|---------------------------------|

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2518099-BLK1)

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 49.4 | | 50.0 | | 98.8 | 61-141 | | | |

LCS (2518099-BS1)

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 267 | 25.0 | 250 | | 107 | 66-144 | | | |
| Surrogate: n-Nonane | 49.1 | | 50.0 | | 98.3 | 61-141 | | | |

Matrix Spike (2518099-MS1)

Source: E505001-11

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | ND | 106 | 56-156 | | | |
| Surrogate: n-Nonane | 48.7 | | 50.0 | | 97.5 | 61-141 | | | |

Matrix Spike Dup (2518099-MSD1)

Source: E505001-11

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|-------|----|--|
| Diesel Range Organics (C10-C28) | 269 | 25.0 | 250 | ND | 107 | 56-156 | 0.980 | 20 | |
| Surrogate: n-Nonane | 48.6 | | 50.0 | | 97.3 | 61-141 | | | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|--------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 5/5/2025 2:23:44PM |

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 (2518107-BLK1) | | | | | Prepared: 05/02/25 Analyzed: 05/02/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2518107-BS1) | | | | | Prepared: 05/02/25 Analyzed: 05/02/25 | | | | |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2518107-MS1) | | | | | Source: E505007-01 | | Prepared: 05/02/25 Analyzed: 05/02/25 | | |
| Chloride | 309 | 20.0 | 250 | 74.1 | 94.1 | 80-120 | | | |
| Matrix Spike Dup (2518107-MSD1) | | | | | Source: E505007-01 | | Prepared: 05/02/25 Analyzed: 05/02/25 | | |
| Chloride | 331 | 20.0 | 250 | 74.1 | 103 | 80-120 | 6.76 | 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

| | | | |
|-----------------------|------------------|--------------------------|----------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 05/05/25 14:23 |

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



| Client Information | | | | Invoice Information | | | | Lab Use Only | | | | TAT | | | | State | | | | | | | |
|---|--------------|--------|-------------------|--------------------------------------|--------------|--------------------------|-----------------|-----------------|--------------|-------------|----------------|--|---------------|------------|------------|--------------|-----|------|--|-------------|--|--|--|
| Client: WPX Energy Permian, LLC | | | | Company: WPX Energy Permian, LLC | | | | Lab WO# E505006 | | | | Job Number 01058-0007 | | | | 1D 2D 3D Std | | | | | | | |
| Project: Longview Federal 12 #014 | | | | Address: 5315 Buena Vista Dr | | | | | | | | | | | | NM CO UT TX | | | | | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | | | | | x | | | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@envirotech.com | | | | | | | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | | | | | | | |
| Email: agiovengo@ensolum.com | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | | | | | Analysis and Method | | | | | | | | EPA Program | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | TCEq 1005 - TX | RCRA 8 Metals | BGDOC - NM | BGDOC - TX | SDWA | CWA | RCRA | | | | | |
| 10:34 | 4/30/2025 | S | 1 | SS08 - 0' | | 1 | | | | | | | | | | | | | | | | | |
| 11:29 | 4/30/2025 | S | 1 | SS08A - 0' | | 2 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@envirotech.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com | | | | | | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | | | | | | |
| Sampled by: Cole Burton | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | Received by: (Signature) | | Date | | Time | | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: O/N | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | Received by: (Signature) | | Date | | Time | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | Received by: (Signature) | | Date | | Time | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | Received by: (Signature) | | Date | | Time | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | Received by: (Signature) | | Date | | Time | | | | | | | | | | | | | |
| 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 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | | | | | | |

Envirotech Analytical Laboratory

Printed: 5/2/2025 8:41:21AM

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: | WPX Energy - Carlsbad | Date Received: | 05/02/25 07:00 | Work Order ID: | E505006 |
| Phone: | (539) 573-4018 | Date Logged In: | 05/01/25 14:56 | Logged In By: | Caitlin Mars |
| Email: | ashley.giovengo@wesominc.com | Due Date: | 05/02/25 17:00 (0 day TAT) | | |

Chain of Custody (COC)

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

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

Carrier: CourierSample 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? Yes

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

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Client Remark- Do not run sample SS08A-0 if SS08-0 is >600 CL or 100 TPH.

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

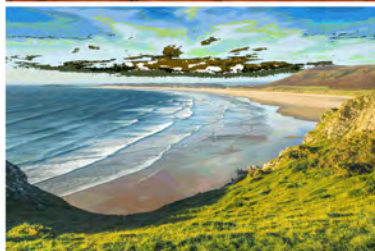
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Longview Federal 12 #014

Work Order: E505007

Job Number: 01058-0007

Received: 5/2/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/5/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/5/25

Ashley Giovengo
5315 Buena Vista Dr
Carlsbad, NM 88220



Project Name: Longview Federal 12 #014
Workorder: E505007
Date Received: 5/2/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/2/2025 7:00:00AM, under the Project Name: Longview Federal 12 #014.

The analytical test results summarized in this report with the Project Name: Longview Federal 12 #014 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|-----------------------|------------------|--------------------------|--|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: 05/05/25 14:14 |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS09-0' | E505007-01A | Soil | 04/30/25 | 05/02/25 | Glass Jar, 2 oz. |
| SS09A-0' | E505007-02A | Soil | 04/30/25 | 05/02/25 | Glass Jar, 2 oz. |



Sample Data

| | | |
|--|--|---------------------------------|
| WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220 | Project Name: Longview Federal 12 #014 Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 5/5/2025 2:14:24PM |
|--|--|---------------------------------|

SS09-0'
E505007-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2518103 | |
| Benzene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| Toluene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| o-Xylene | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 05/02/25 | 05/02/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 05/02/25 | 05/02/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | 87.7 % | 70-130 | | 05/02/25 | 05/02/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2518103 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 05/02/25 | 05/02/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 94.3 % | 70-130 | | 05/02/25 | 05/02/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: NV | | Batch: 2518099 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/02/25 | 05/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/02/25 | 05/02/25 | |
| Surrogate: n-Nonane | 99.2 % | 61-141 | | 05/02/25 | 05/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2518107 | |
| Chloride | 74.1 | 20.0 | 1 | 05/02/25 | 05/02/25 | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|--------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 5/5/2025 2:14:24PM |

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2518103-BLK1)

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.73 | | 8.00 | | 84.1 | 70-130 | | | |

LCS (2518103-BS1)

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.79 | 0.0250 | 5.00 | | 95.8 | 70-130 | | | |
| Ethylbenzene | 5.39 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| Toluene | 5.22 | 0.0250 | 5.00 | | 104 | 70-130 | | | |
| o-Xylene | 5.37 | 0.0250 | 5.00 | | 107 | 70-130 | | | |
| p,m-Xylene | 10.9 | 0.0500 | 10.0 | | 109 | 70-130 | | | |
| Total Xylenes | 16.3 | 0.0250 | 15.0 | | 108 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.84 | | 8.00 | | 85.4 | 70-130 | | | |

Matrix Spike (2518103-MS1)

Source: E505007-02

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.64 | 0.0250 | 5.00 | ND | 92.8 | 70-130 | | | |
| Ethylbenzene | 5.18 | 0.0250 | 5.00 | ND | 104 | 70-130 | | | |
| Toluene | 5.02 | 0.0250 | 5.00 | ND | 100 | 70-130 | | | |
| o-Xylene | 5.16 | 0.0250 | 5.00 | ND | 103 | 70-130 | | | |
| p,m-Xylene | 10.5 | 0.0500 | 10.0 | ND | 105 | 70-130 | | | |
| Total Xylenes | 15.7 | 0.0250 | 15.0 | ND | 104 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.88 | | 8.00 | | 86.1 | 70-130 | | | |

Matrix Spike Dup (2518103-MSD1)

Source: E505007-02

Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--------|----|--|
| Benzene | 4.65 | 0.0250 | 5.00 | ND | 92.9 | 70-130 | 0.170 | 27 | |
| Ethylbenzene | 5.19 | 0.0250 | 5.00 | ND | 104 | 70-130 | 0.0858 | 26 | |
| Toluene | 5.02 | 0.0250 | 5.00 | ND | 100 | 70-130 | 0.124 | 20 | |
| o-Xylene | 5.17 | 0.0250 | 5.00 | ND | 103 | 70-130 | 0.250 | 25 | |
| p,m-Xylene | 10.5 | 0.0500 | 10.0 | ND | 105 | 70-130 | 0.252 | 23 | |
| Total Xylenes | 15.7 | 0.0250 | 15.0 | ND | 104 | 70-130 | 0.00 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 6.72 | | 8.00 | | 84.0 | 70-130 | | | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|--------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 5/5/2025 2:14:24PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2518103-BLK1) Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.53 | | 8.00 | | 94.2 | 70-130 | | | |

LCS (2518103-BS2) Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 44.9 | 20.0 | 50.0 | | 89.8 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 | | 8.00 | | 94.9 | 70-130 | | | |

Matrix Spike (2518103-MS2) Source: E505007-02 Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 44.9 | 20.0 | 50.0 | ND | 89.8 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.62 | | 8.00 | | 95.2 | 70-130 | | | |

Matrix Spike Dup (2518103-MSD2) Source: E505007-02 Prepared: 05/02/25 Analyzed: 05/02/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 49.1 | 20.0 | 50.0 | ND | 98.3 | 70-130 | 9.00 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.78 | | 8.00 | | 97.2 | 70-130 | | | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|--------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 5/5/2025 2:14:24PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2518099-BLK1) | | | | | Prepared: 05/02/25 Analyzed: 05/02/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 49.4 | | 50.0 | | 98.8 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2518099-BS1) | | | | | Prepared: 05/02/25 Analyzed: 05/02/25 | | | | |
| Diesel Range Organics (C10-C28) | 267 | 25.0 | 250 | | 107 | 66-144 | | | |
| Surrogate: n-Nonane | 49.1 | | 50.0 | | 98.3 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2518099-MS1) | | | | | Source: E505001-11 | | Prepared: 05/02/25 Analyzed: 05/02/25 | | |
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | ND | 106 | 56-156 | | | |
| Surrogate: n-Nonane | 48.7 | | 50.0 | | 97.5 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2518099-MSD1) | | | | | Source: E505001-11 | | Prepared: 05/02/25 Analyzed: 05/02/25 | | |
| Diesel Range Organics (C10-C28) | 269 | 25.0 | 250 | ND | 107 | 56-156 | 0.980 | 20 | |
| Surrogate: n-Nonane | 48.6 | | 50.0 | | 97.3 | 61-141 | | | |



QC Summary Data

| | | | |
|-----------------------|------------------|--------------------------|--------------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | Reported: |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 5/5/2025 2:14:24PM |

Anions by EPA 300.0/9056A

Analyst: DT

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

| | | | | | | | | | |
|---------------------------------|-----|------|-----|------|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2518107-BLK1) | | | | | Prepared: 05/02/25 Analyzed: 05/02/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2518107-BS1) | | | | | Prepared: 05/02/25 Analyzed: 05/02/25 | | | | |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2518107-MS1) | | | | | Source: E505007-01 | | Prepared: 05/02/25 Analyzed: 05/02/25 | | |
| Chloride | 309 | 20.0 | 250 | 74.1 | 94.1 | 80-120 | | | |
| Matrix Spike Dup (2518107-MSD1) | | | | | Source: E505007-01 | | Prepared: 05/02/25 Analyzed: 05/02/25 | | |
| Chloride | 331 | 20.0 | 250 | 74.1 | 103 | 80-120 | 6.76 | 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

| | | | |
|-----------------------|------------------|--------------------------|----------------|
| WPX Energy - Carlsbad | Project Name: | Longview Federal 12 #014 | |
| 5315 Buena Vista Dr | Project Number: | 01058-0007 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 05/05/25 14:14 |

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

| Client Information | | | | Invoice Information | | | | Lab Use Only | | | | TAT | | | | State | | | | | |
|---|--------------|--------|-------------------|--------------------------------------|--------------|------------|-----------------|--------------------------|--------------|---------------------|----------------|----------------|---------------|------------|------------|---|-----|-------------|----|--|--|
| Client: WPX Energy Permian, LLC | | | | Company: WPX Energy Permian, LLC | | | | Lab WO# | | Job Number | | 1D | 2D | 3D | Std | NM | CO | UT | TX | | |
| Project: Longview Federal 12 #014 | | | | Address: 5315 Buena Vista Dr | | | | E505007 | | 0058-0007 | | X | | | | X | | | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | | | | | | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@dvn.com | | | | | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | | | | | |
| Email: agiovengo@ensolum.com | | | | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | | | Analysis and Method | | | | | | | | EPA Program | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | TCEQ 1005 - TX | RCRA 8 Metals | BGDOC - NM | BGDOC - TX | SDWA | CWA | RCRA | | | |
| 11:33 | 4/30/2025 | S | 1 | SS09 - 0' | | 1 | | | | | | | | X | | | | | | | |
| 12:04 | 4/30/2025 | S | 1 | SS09A - 0' | | 2 | | | | | | | | X | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com | | | | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | | | | |
| Sampled by: Cole Burton | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | | | Date | | Time | | Received by: (Signature) | | | | Date | | Time | | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. | | | | | |
| Relinquished by: (Signature) | | | | Date | | Time | | Received by: (Signature) | | | | Date | | Time | | | | | | | |
| Relinquished by: (Signature) | | | | Date | | Time | | Received by: (Signature) | | | | Date | | Time | | | | | | | |
| Relinquished by: (Signature) | | | | Date | | Time | | Received by: (Signature) | | | | Date | | Time | | | | | | | |
| Relinquished by: (Signature) | | | | Date | | Time | | Received by: (Signature) | | | | Date | | Time | | Lab Use Only | | | | | |
| Relinquished by: (Signature) | | | | Date | | Time | | Received by: (Signature) | | | | Date | | Time | | Received on ice: | | | | | |
| Relinquished by: (Signature) | | | | Date | | Time | | Received by: (Signature) | | | | Date | | Time | | Y N | | | | | |
| 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 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | | | | |

Envirotech Analytical Laboratory

Printed: 5/2/2025 8:48:01AM

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: | WPX Energy - Carlsbad | Date Received: | 05/02/25 07:00 | Work Order ID: | E505007 |
| Phone: | (539) 573-4018 | Date Logged In: | 05/01/25 15:02 | Logged In By: | Caitlin Mars |
| Email: | ashley.giovengo@wesominc.com | Due Date: | 05/02/25 17:00 (0 day TAT) | | |

Chain of Custody (COC)

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

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

Carrier: CourierSample 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? Yes

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

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Client Remarks- Do not run sample SS09A-0 if SS09-0 is > 600 CL or 100 TPH.

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

Date



envirotech Inc.



APPENDIX E

NMOCD Correspondence

From: [Rodgers, Scott, EMNRD](#)
To: [Ashley Giovengo](#)
Cc: [Raley, Jim](#); [Cole Burton](#); [Chad Hamilton](#)
Subject: RE: [EXTERNAL] Extension Request - WPX Energy - Longview Fed 12 #014 - nAPP2433727130
Date: Thursday, February 27, 2025 3:16:18 PM
Attachments: [image006.png](#)
[image007.png](#)
[image008.png](#)

[**EXTERNAL EMAIL**]

Your time extension request is approved. Remediation Due date has been updated to May 28, 2025 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you.

Regards,
Scott

Scott Rodgers • Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
<http://www.emnrd.nm.gov/o cd>



From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Sent: Thursday, February 27, 2025 3:05 PM
To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Extension Request - WPX Energy - Longview Fed 12 #014 - nAPP2433727130

Scott Rodgers • Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
<http://www.emnrd.nm.gov/oce>



From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Wednesday, February 26, 2025 9:06 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Raley, Jim <jim.raley@dv.com>
Cc: Cole Burton <cburton@ensolum.com>; Chad Hamilton <chamilton@ensolum.com>
Subject: [EXTERNAL] Extension Request - WPX Energy - Longview Fed 12 #014 - nAPP2433727130

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

All,

WPX Energy Permian, LLC (WPX) is requesting an extension of the current deadline of February 27, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B. (1) NMAC at the Longview Fed 12 #014 (Site) (Incident Number nAPP2433727130). On November 29, 2024, a 1" line on the pumping tee developed a pinhole, which resulted in release of 5 barrels (bbls) of produced water and 5 bbls or crude oil onto the caliche pad. Lateral and vertical delineation soil sampling in accordance with the strictest closure criteria per New Mexico Oil Conservation Division (NMOCD) Table I has been completed at the Site. WPX is currently waiting on laboratory analytical results from vertical delineation soil sampling completed on February 25, 2025. WPX intends to complete remediation of the subject matter release and to submit a remediation work plan or closure report, following remediation and confirmation sampling efforts. WPX respectfully requests a 90-day extension until May 28, 2025.

Kind Regards,



Ashley Giovengo

Senior Scientist

575-988-0055

Ensolum, LLC

in f X

“Your authenticity is your superpower.” – Unknown

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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 448761

QUESTIONS

| | |
|--|--|
| Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102 | OGRID: 246289 |
| | Action Number: 448761 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| Prerequisites | |
|------------------|--|
| Incident ID (n#) | nAPP2433727130 |
| Incident Name | NAPP2433727130 LONGVIEW FEDERAL 12 #014 @ 30-015-39159 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |
| Incident Well | [30-015-39159] LONGVIEW FEDERAL 12 #014 |

| Location of Release Source | |
|----------------------------|--------------------------|
| Site Name | LONGVIEW FEDERAL 12 #014 |
| Date Release Discovered | 11/29/2024 |
| Surface Owner | Federal |

| Sampling Event General Information | |
|---|---|
| Please answer all the questions in this group. | |
| What is the sampling surface area in square feet | 7,873 |
| What is the estimated number of samples that will be gathered | 44 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 04/08/2025 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Please contact Israel Estrella @ 575-291-9537 |
| Please provide any information necessary for navigation to sampling site | 32.32594, -104.0343 |

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CONDITIONS

Action 448761

CONDITIONS

| | |
|--|--|
| Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102 | OGRID: 246289 |
| | Action Number: 448761 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| jralej | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 4/4/2025 |

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QUESTIONS

Action 460289

QUESTIONS

| | |
|--|---|
| Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102 | OGRID: 246289 |
| | Action Number: 460289 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2433727130 |
| Incident Name | NAPP2433727130 LONGVIEW FEDERAL 12 #014 @ 30-015-39159 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-015-39159] LONGVIEW FEDERAL 12 #014 |

| | |
|--|--------------------------|
| Location of Release Source | |
| Please answer all the questions in this group. | |
| Site Name | LONGVIEW FEDERAL 12 #014 |
| Date Release Discovered | 11/29/2024 |
| 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: Other Well Crude Oil Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL. |
| Produced Water Released (bbls) Details | Cause: Other Well Produced Water Released: 5 BBL Recovered: 0 BBL Lost: 5 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) | Stuffing box leak allowed 10 bbls of fluids to impact pad surface. |

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QUESTIONS, Page 2

Action 460289

QUESTIONS (continued)

| | |
|--|---|
| Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102 | OGRID: 246289 |
| | Action Number: 460289 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Nature and Volume of Release (continued) | |
|--|--|
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No |
| Reasons why this would be considered a submission for a notification of a major release | <i>Unavailable.</i> |
| <i>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.</i> | |

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 | <i>Not answered.</i> |

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@dvni.com Date: 05/08/2025 |
|--|---|

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QUESTIONS, Page 3

Action 460289

QUESTIONS (continued)

| | |
|--|---|
| Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102 | OGRID: 246289 |
| | Action Number: 460289 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|--|--------------------------------|
| Site Characterization | |
| <i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 51 and 75 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | 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 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 1000 (ft.) and ½ (mi.) |
| A subsurface mine | Between 1 and 5 (mi.) |
| An (non-karst) unstable area | Between 1 and 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Medium |
| 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 | |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| Requesting a remediation plan approval with this submission | Yes |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i> | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 25800 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 383 |
| GRO+DRO (EPA SW-846 Method 8015M) | 238 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i> | |
| On what estimated date will the remediation commence | 04/07/2025 |
| On what date will (or did) the final sampling or liner inspection occur | 04/11/2025 |
| On what date will (or was) the remediation complete(d) | 04/08/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed | 400 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 15 |
| What is the estimated surface area (in square feet) that will be remediated | 7872 |
| What is the estimated volume (in cubic yards) that will be remediated | 310 |
| <i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i> | |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> | |

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QUESTIONS, Page 4

Action 460289

QUESTIONS (continued)

| | |
|--|---|
| Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102 | OGRID: 246289 |
| | Action Number: 460289 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|--|--|
| Remediation Plan (continued) | |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | |
| <i>(Select all answers below that apply.)</i> | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | 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. |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i> | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| I hereby agree and sign off to the above statement | Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 05/08/2025 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> | |

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QUESTIONS, Page 5

Action 460289

QUESTIONS (continued)

| | |
|--|---|
| Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102 | OGRID: 246289 |
| | Action Number: 460289 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

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QUESTIONS, Page 6

Action 460289

QUESTIONS (continued)

| | |
|--|---|
| Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102 | OGRID: 246289 |
| | Action Number: 460289 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 448774 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 04/11/2025 |
| What was the (estimated) number of samples that were to be gathered | 44 |
| What was the sampling surface area in square feet | 7873 |

| Remediation Closure Request | |
|--|--|
| <i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i> | |
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 7872 |
| What was the total volume (cubic yards) remediated | 310 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 400 |
| What was the total volume (in cubic yards) reclaimed | 15 |
| Summarize any additional remediation activities not included by answers (above) | Remediation complete |
| <i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i> | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. | |
| I hereby agree and sign off to the above statement | Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/08/2025 |

Sante Fe Main Office
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QUESTIONS, Page 7

Action 460289

QUESTIONS (continued)

| | |
|--|---|
| Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102 | OGRID: 246289 |
| | Action Number: 460289 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|---|----|
| Reclamation Report | |
| Only answer the questions in this group if all reclamation steps have been completed. | |
| Requesting a reclamation approval with this submission | No |

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CONDITIONS

Action 460289

CONDITIONS

| | |
|--|---|
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| | Action Number: 460289 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By | Condition | Condition Date |
|--------------|--|----------------|
| scott.rogers | Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations. | 5/21/2025 |