



March 18, 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: Remediation Work Plan
Paint 4-33 Fed Com #712H
Incident Number nAPP2420452024
Lea County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Remediation Work Plan (RWP)* to document assessment, excavation, and soil sampling activities at the Paint 4-33 Fed Com #712H (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 onto the well pad. Based on field observations, field screening activities, and soil sample laboratory analytical results, Devon is submitting this RWP, describing analytical results from delineation and excavation soil sampling and proposing excavation of the remaining impacted soil.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit N, Section 04, Township 25 South, Range 32 East, in Lea County, New Mexico (32.152742°, -103.6829227°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On July 22, 2024, well flowback iron failed at a connection, resulting in the release of approximately 7 barrels (bbls) of crude oil onto the caliche pad. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via web portal on July 22, 2024, and submitted a Release Notification Form C-141 (Form C-141) on July 29, 2024. The release was assigned Incident Number nAPP2420452024. 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 a New Mexico Office of the State Engineer (NMOSE) well, C 04924, located approximately 385 feet east of the Site. The well boring was advanced in January 2024 to assess depth to groundwater in this region, which did not identify in soil less than 105 feet below ground surface (bgs). The well log had a reported depth to

groundwater greater than 105 feet bgs and a total depth of 105 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation that 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 freshwater pond, located approximately 11,405 feet northwest 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 (low 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: 20,000 mg/kg

SITE ASSESSMENT ACTIVITIES

On August 02, 2024, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Five preliminary soil samples (SS01 through SS05) were collected around the release extent at ground surface to assess the lateral extent of the impacted area. Beginning on October 10, 2024, 10 boreholes (BH01 through BH10) were advanced within the release extent to assess the vertical extent of impacted soil; boreholes BH01, BH08, and BH09 were advanced to a depth of 3 feet bgs, borehole BH02 was advanced to a depth of 4 feet bgs, and boreholes BH03 through BH07 and BH10 were advanced to a depth of 2 feet bgs. The preliminary soil samples were field screened for chloride utilizing Hach® chloride QuanTab® test strips. The release extent and preliminary 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 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 February 6, 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, hand digging, and belly dump trucks. The excavation occurred

on the west side of the wellheads. To direct excavation activities, Ensolum personnel screened soil for chloride utilizing chloride QuanTab® test strips and for TPH utilizing a PetroFLAG® soil analyzer system.

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 FS61) were collected from the floor of the excavation just beneath the scraped surface (0.5 to 1.5 feet bgs). Sidewall soil samples SW01 and SW02 were collected from the excavation sidewall at depths ranging from ground surface to 1.5 feet bgs. 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 excavation extent measured approximately 11,823 square feet. A total of approximately 363 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 in Jal, 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 through SS05) were all in compliance with the Site Closure Criteria and with the strictest Closure Criteria per NMOCDC Table I at ground surface. Laboratory analytical results for boreholes (BH01 through BH10) indicated all COCs were in compliance with the strictest Closure Criteria at 2 feet bgs on BH03 through BH07 and BH10, at 3 feet bgs on BH01, BH08 and BH09 and at 4 feet bgs on BH02.

Laboratory analytical results for excavation floor soil samples (FS01 through FS14 and FS16 through FS61) indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results for sidewall soil samples SW01 and SW02 indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results for excavation floor sample FS15 exceeded Site Closure Criteria. Laboratory analytical results are summarized in Tables 1 through 3 and the complete laboratory analytical reports are included as Appendix D.

PROPOSED REMEDIATION WORK PLAN

The subject matter release has been laterally defined by delineation soil samples (SS01 through SS05) collected at ground surface and vertically defined by boreholes (BH01 through BH10) collected at depths ranging from 1-foot to 4 feet bgs. Confirmation sample areas (FS01 through FS61) have been excavated and all confirmation soil samples, except for FS15, meet Site Closure Criteria. Devon has selected a subcontractor to complete excavation activities at the Site and proposes the following remedial actions:

- The subcontractor will complete the excavation/remediation of sample area FS15. An estimated 4 cubic yards of impacted soil remain in place and will require excavation (see Figure 4 for the excavation dig plan). Impacted soil and waste containing soil will be transferred to an approved landfill facility for disposal.
- Sample area FS15 will be excavated in accordance with the Site Closure Criteria.
- The excavation will be backfilled and recontoured to match pre-existing conditions.

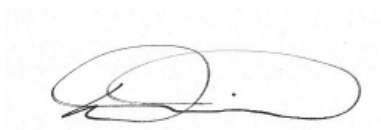
Excavation of impacted and waste-containing soil to-date has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be greater than 101 feet bgs and no other sensitive receptors were identified near the release extent. Devon believes these remedial actions completed to date and what is proposed in this RWP are protective of human health, the environment, and groundwater. Devon will complete the proposed soil sampling activities within 180 days of the date of approval of this RWP by the NMOCD. As such, Devon respectfully requests approval of this RWP for Incident Number nAPP2420452024.

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
Senior Scientist



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

Appendices:

Figure 1 Site Receptor Map
Figure 2 Delineation Soil Sample Locations
Figure 3 Excavation Soil Sample Locations
Figure 4 Excavation Dig Plan

Table 1 Soil Sample Analytical Results (Delineation Soil Samples)
Table 2 Soil Sample Analytical Results (Excavation Soil Samples)

Appendix A Referenced Well Records
Appendix B Photographic Log
Appendix C Lithologic / Soil Sampling Logs
Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E NMOCD Correspondence



FIGURES



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
- ▨ Release Extent
- Production Equipment

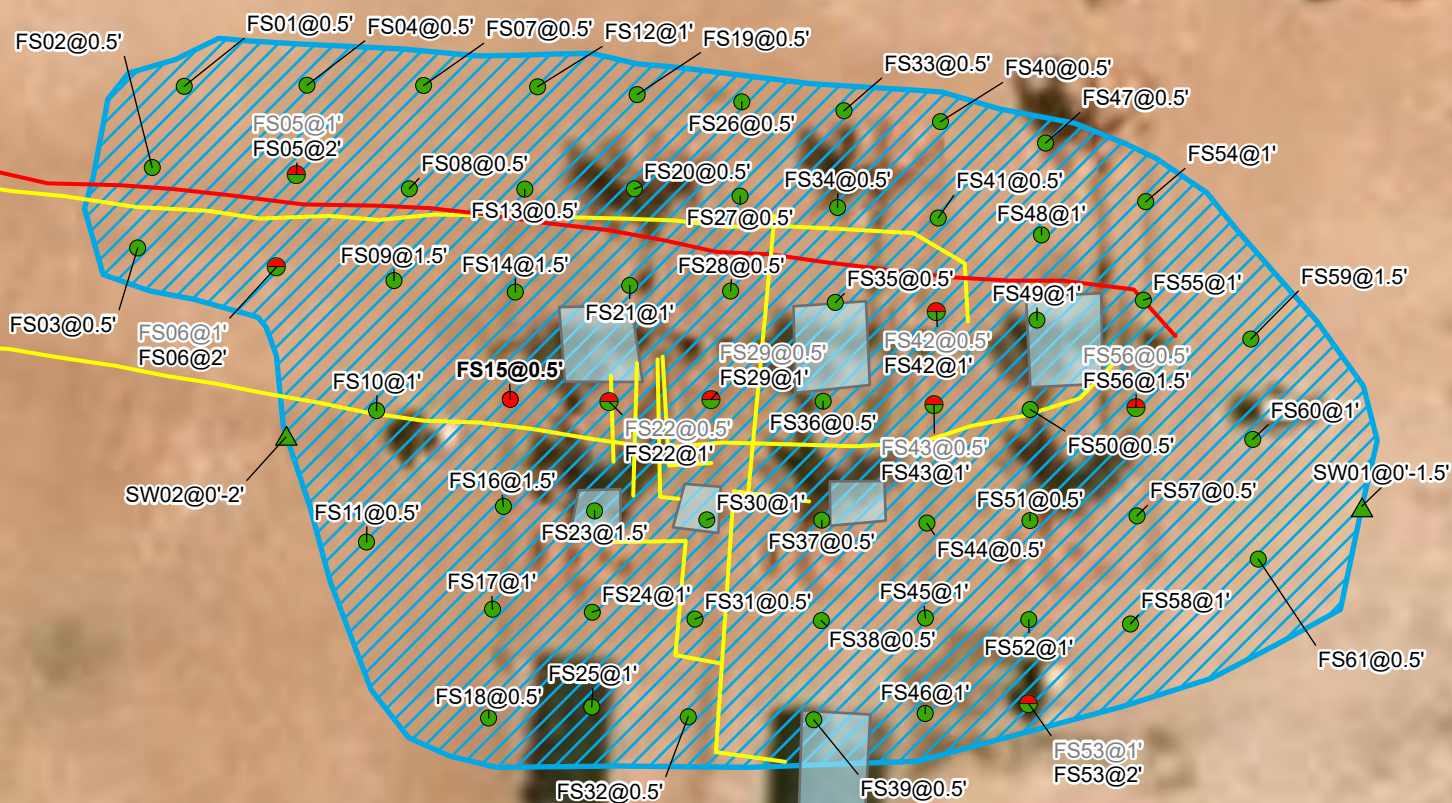
**Delineation Soil Sample Locations**

Devon Energy Production Company, LP
 Paint 4-33 Fed Com #712H
 Incident Number: nAPP2420452024
 Unit N, Section 04, T 25S, R 32E
 Lea County, New Mexico

FIGURE
2

Legend

- Excavation Floor Sample in Compliance with Site Closure Criteria
- Excavation Floor Sample with Concentrations Previously Exceeding Closure Criteria
- Excavation Floor Sample with Concentrations Exceeding Closure Criteria
- ▲ Sidewall Sample in Compliance with Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Production Equipment
- ▨ Excavation Extent



Notes:
 Sample ID @ Depth Below Ground Surface
 Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.
 Grey text represents samples that have been excavated

0 25 50
 Feet

Source:
 Bing Maps



Excavation Soil Sample Locations

Devon Energy Production Company, LP

Paint 4-33 Fed Com #712H

Incident ID: nAPP2420452024

Unit N, Section 04, T 25S, R 32E

Lea County, New Mexico

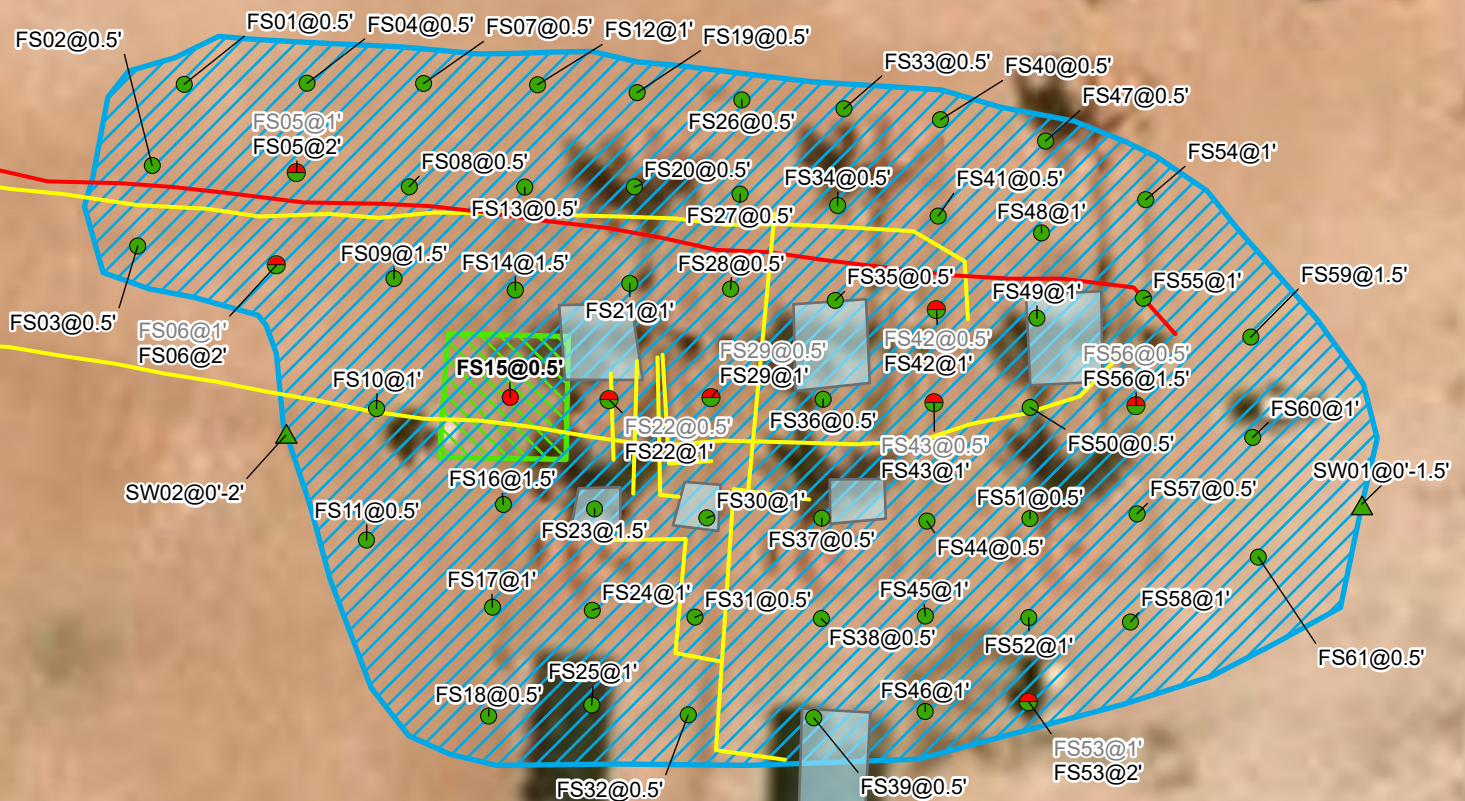
FIGURE

3

Document Path: C:\Users\Peter.Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\PAR_GIS\File Path Structure\3 - Carlsbad\Devon Energy Production Company\03A1987135 - Paint 4-33 Fed Com #712H1 - Project\Paint 4-33 Fed Com #712H.aprx

Legend

- Excavation Floor Sample in Compliance with Site Closure Criteria
- Excavation Floor Sample with Concentrations Previously Exceeding Closure Criteria
- Excavation Floor Sample with Concentrations Exceeding Closure Criteria
- ▲ Sidewall Sample in Compliance with Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Production Equipment
- Excavation Extent
- Proposed Dig Area



Notes:
 Sample ID @ Depth Below Ground Surface
 Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.
 Grey text represents samples that have been excavated

0 25 50
 Feet

Source:
 Bing Maps

Excavation Dig Plan

Devon Energy Production Company, LP

Paint 4-33 Fed Com #712H

Incident ID: nAPP2420452024

Unit N, Section 04, T 25S, R 32E

Lea County, New Mexico

FIGURE

4

ENSOLUM
 Environmental, Engineering and
 Hydrogeologic Consultants



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Paint 4-33 Fed Com 712H
 Devon Energy Production Company
 Lea 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	20,000
Delineation Soil Samples										
SS01	9/9/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	367
SS02	9/9/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	231
SS03	9/9/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	218
SS04	9/9/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	129
SS05	9/10/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	247
BH01	10/11/2024	0	<0.0250	<0.0500	<20.0	966	604	<25.0	1,570	727
BH01	10/11/2024	1	<0.0250	<0.0500	<20.0	25.6	<50.0	<25.0	25.6	132
BH01	10/11/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH02	10/16/2024	0	0.083	2.523	48	17,500	8,370	17,548	25,918	5,980
BH02	10/16/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	727
BH02	10/16/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	62
BH03	10/11/2024	0	<0.0250	<0.0500	<20.0	6,630	4,140	6,630	10,770	1,800
BH03	10/11/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH04	10/11/2024	0	<0.0250	<0.0500	<20.0	136	153	136	289	356
BH04	10/11/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH05	10/11/2024	0	<0.0250	<0.0500	<20.0	512	158	512	670	2,650
BH05	10/11/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29
BH06	10/11/2024	0	<0.0250	<0.0500	<20.0	40	<50.0	40	40	927
BH06	10/11/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH07	10/11/2024	0	<0.0250	<0.0500	<20.0	657	1,180	657	1,837	1,320
BH07	10/11/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	121

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
 Paint 4-33 Fed Com 712H
 Devon Energy Production Company
 Lea 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	20,000
Delineation Soil Samples										
BH08	10/16/2024	0	<0.0250	<0.0500	<20.0	1,240	374	1,240	1,614	5,750
BH08	10/16/2024	1	<0.0250	<0.0500	<20.0	530	187	530	717	2,320
BH08	10/16/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH09	10/16/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,770
BH09	10/16/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,100
BH09	10/16/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH10	10/16/2024	0	<0.0250	<0.0500	<20.0	111	64	111	176	570
BH10	10/16/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

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
 Paint 4-33 Fed Com 712H
 Devon Energy Production Company
 Lea 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	20,000
Excavation Floor Soil Samples										
FS01	2/10/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	48
FS02	2/10/2025	0.5	<0.0250	<0.0500	<20.0	45.5	<50.0	45.5	45.5	121
FS03	2/10/2025	0.5	<0.0250	<0.0500	<20.0	37.9	<50.0	37.9	37.9	31.2
FS04	2/10/2025	0.5	<0.0250	<0.0500	<20.0	67.8	<50.0	67.8	67.8	155
FS05	2/10/2025	1	<0.0250	4.786	163	3,030	888	3,193	4,081	247
FS05	3/3/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	117
FS06	2/10/2025	1	<0.0250	0.153	83.5	1,410	440	1,494	1,934	97.2
FS06	3/3/2025	2	<0.0250	<0.0500	<20.0	144	74.2	144	218.2	26.3
FS07	2/10/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	150
FS08	2/10/2025	0.5	<0.0250	<0.0500	<20.0	75.5	<50.0	75.5	75.5	339
FS09	2/10/2025	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	170
FS10	2/10/2025	1	<0.0250	<0.0500	<20.0	369	146	369	515	209
FS11	2/7/2025	0.5	<0.0250	<0.0500	<20.0	74.6	<50.0	74.6	74.6	196
FS12	2/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	149
FS13	2/10/2025	0.5	<0.0250	<0.0500	<20.0	486	221	486	707	568
FS14	2/10/2025	1.5	<0.0250	<0.0500	<20.0	934	344	934	1,278	1,850
FS15	2/10/2025	0.5	<0.0250	0.12	22.3	1,280	456	1,302	1,758	4,550
FS16	2/10/2025	1.5	<0.0250	<0.0500	<20.0	590	291	590	881	939
FS17	2/7/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	42.7
FS18	2/7/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	170
FS19	2/7/2025	0.5	<0.0250	<0.0500	<20.0	25.1	<50.0	25.1	25.1	94.6

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 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Paint 4-33 Fed Com 712H
 Devon Energy Production Company
 Lea 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	20,000
Excavation Floor Soil Samples										
FS20	2/7/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	352
FS21	2/10/2025	1	<0.0250	<0.0500	<20.0	238	236	238	474	1,980
FS22	2/10/2025	0.5	<0.0250	<0.0500	<20.0	1,210	540	1,210	1,750	3,680
FS22	3/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,660
FS23	2/10/2025	1.5	<0.0250	<0.0500	<20.0	509	234	509	743	877
FS24	2/7/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	96
FS25	2/7/2025	1	<0.0250	<0.0500	<20.0	40.8	<50.0	40.8	40.8	286
FS26	2/7/2025	0.5	<0.0250	<0.0500	<20.0	201	88	201	289	1,310
FS27	2/7/2025	0.5	<0.0250	<0.0500	<20.0	166	89	166	255	995
FS28	2/10/2025	0.5	<0.0250	<0.0500	<20.0	283	228	283	511	1,310
FS29	2/10/2025	0.5	<0.0250	<0.0500	<20.0	2,930	1,210	2,930	4,140	3,160
FS29	3/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	68
FS30	2/7/2025	1	<0.0250	<0.0500	<20.0	84.3	<50.0	84.3	84.3	765
FS31	2/7/2025	0.5	<0.0250	<0.0500	<20.0	28.6	<50.0	28.6	28.6	342
FS33	2/7/2025	0.5	<0.0250	<0.0500	<20.0	64	54	64	118	1,550
FS34	2/7/2025	0.5	<0.0250	<0.0500	<20.0	397	275	397	672	1,160
FS35	2/10/2025	0.5	<0.0250	<0.0500	<20.0	726	447	726	1,173	3,450
FS36	2/10/2025	0.5	<0.0250	<0.0500	<20.0	431	229	431	660	3,030
FS37	2/7/2025	0.5	<0.0250	<0.0500	<20.0	118	75	118	193	893
FS38	2/7/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	474
FS39	2/7/2025	0.5	<0.0250	<0.0500	<20.0	41.0	<50.0	41.0	41.0	379
FS40	2/7/2025	0.5	<0.0250	<0.0500	<20.0	67.1	<50.0	67.1	67.1	946

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 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Paint 4-33 Fed Com 712H
 Devon Energy Production Company
 Lea 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	20,000
Excavation Floor Soil Samples										
FS41	2/7/2025	0.5	<0.0250	<0.0500	<20.0	629	303	629	932	1,890
FS42	2/10/2025	0.5	<0.0250	<0.0500	<20.0	1,510	899	1,510	2,409	2,680
FS42	3/3/2025	1	<0.0250	<0.0500	<20.0	286	366	286	652	724
FS43	2/10/2025	0.5	<0.0250	<0.0500	<20.0	1,110	364	1,110	1,474	1,390
FS43	3/3/2025	1	<0.0250	<0.0500	<20.0	90.1	59.0	90.1	149.1	1,960
FS44	2/7/2025	0.5	<0.0250	<0.0500	<20.0	886	158	886	1,044	400
FS45	2/7/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	248
FS46	2/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	694
FS47	2/7/2025	0.5	<0.0250	<0.0500	<20.0	448	190	448	638	2,720
FS48	2/10/2025	1	<0.0250	<0.0500	<20.0	58	<50.0	58	<50.0	770
FS49	2/10/2025	1	<0.0250	<0.0500	<20.0	160	189	160	349	531
FS50	2/10/2025	0.5	<0.0250	<0.0500	<20.0	706	373	706	1,079	2,600
FS51	2/7/2025	0.5	<0.0250	<0.0500	<20.0	326	85.1	326	411	918
FS52	2/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	495
FS53	2/10/2025	1	<0.0250	<0.0500	<20.0	1,380	<50.0	1,380	<50.0	982
FS53	3/3/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	297
FS54	2/10/2025	1	<0.0250	<0.0500	<20.0	54	<50.0	54	<50.0	756
FS55	2/10/2025	1	<0.0250	<0.0500	<20.0	375	257	375	632	1,340
FS56	2/7/2025	0.5	<0.0250	<0.0500	<20.0	1,790	1,380	1,790	3,170	4,840
FS56	3/3/2025	1.5	<0.0250	<0.0500	<20.0	254	224	254	478	1,640
FS57	2/7/2025	0.5	<0.0250	<0.0500	<20.0	702	310	702	1,012	2,060

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 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Paint 4-33 Fed Com 712H
 Devon Energy Production Company
 Lea 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	20,000
Excavation Floor Soil Samples										
FS58	2/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	220
FS59	2/10/2025	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
FS60	2/10/2025	1	<0.0250	<0.0500	<20.0	448	108	448	556	1,670
FS61	2/7/2025	0.5	<0.0250	<0.0500	<20.0	293	65.9	293	359	652

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 3
SOIL SAMPLE ANALYTICAL RESULTS
 Paint 4-33 Fed Com 712H
 Devon Energy Production Company
 Lea 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	20,000
Sidewall Soil Samples										
SW01	2/10/2025	0-1.5	<0.0250	<0.0500	<20.0	192	59.1	192	251.1	657
SW02	3/3/2025	0-2	<0.0250	<0.0500	<20.0	485	338	485	823	3,430

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

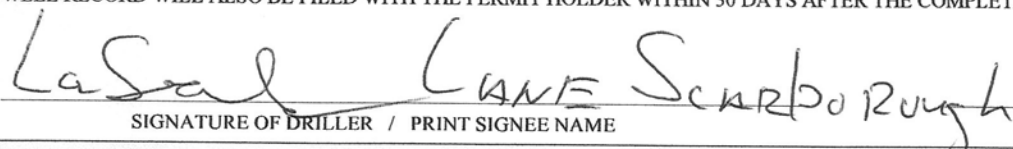
www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1		WELL TAG ID NO. N/A		OSE FILE NO(S). C-04924			
	WELL OWNER NAME(S) Devon Production Company, LP				PHONE (OPTIONAL) 575-6889-7597			
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr				CITY Carlsbad	STATE NM	ZIP 88220	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 09	SECONDS 09.1	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	40	53.9	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit N, Section 04, Township 25S, Range 32E, Lea County, NM								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD1188		NAME OF LICENSED DRILLER John Scarborough			NAME OF WELL DRILLING COMPANY John Scarborough Drilling Inc		
	DRILLING STARTED 1/8/2024		DRILLING ENDED 1/8/2024		DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) N/A	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:							
	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	105	5.00	Soil Boiring				
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						
				N/A				

FOR OSE INTERNAL USE

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

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	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	8	8	Clayey Sand, Dark Red to Red, Coarse to Very Fine, with Gravel	Y ✓ N	
	8	15	7	Caliche, White to Grey, Coarse to Fine	Y ✓ N	
	15	47	32	Sand with Silt, Light Brown to Red, Coarse to Fine	Y ✓ N	
	47	50	3	Sand With Silt, Light Brown to Red, Coarse to Fine, with Gravel	Y ✓ N	
	50	60	10	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	60	62	2	Sand with Silt, Light Brown to White, Coarse to Fine	Y ✓ N	
	62	68	6	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	68	69	1	Caliche, White to Grey, Coarse to Fine	Y ✓ N	
	69	70	1	Sand with Silt, Light Brown to White, Coarse to Fine	Y ✓ N	
	70	73	3	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	73	78	5	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	78	79	1	Sandstone, White to Yellow, Coarse to Fine	Y ✓ N	
	79	80	1	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	80	85	5	Sandstone, White to Yellow, Coarse to Fine	Y ✓ N	
	85	87	2	Sand with Silt, Red, Coarse to Fine	Y ✓ N	
	87	90	3	Sandstone, White to Yellow, Coarse to Fine	Y ✓ N	
	90	91	1	Clayey Sand, Medium Brown to Red, Coarse to Very Fine with Gravel	Y ✓ N	
	91	93	2	Sandstone, White to Yellow, Coarse to Fine	Y ✓ N	
	93	100	7	Sand with Silt, Red, Coarse to Very Fine	Y ✓ N	
	100	105	5	Sandstone, White to Yellow, Coarse to Fine	Y ✓ N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm):	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					0.00	
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to 10 ft below ground surface (bgs), then hydrated bentonite chips 10 ft bgs to ground surface.					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Scott Scarborough					
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.					
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME					1-20-2025 DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO.


POD NO.


TRN NO.





APPENDIX B


Lithologic Soil Sampling Logs


								Sample Name: BH01		Date: 10/11/24	
								Site Name: Paint 4-33 Fed Com 712H			
								Incident Number: nAPP2420452024			
								Job Number: 03A1987135			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Bowan Simmons		Method: Hand Auger	
Coordinates: 32.152779, -103.683049								Hole Diameter: 4"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	TPH	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D	1014		N	BH01	0	0	CCHE	Dry, No Stain, Caliche, Non Plastic, Non Pliable			
	202				1	1	SP-SM	Dry, No Stain, Poorly graded red sand with silt, Non Plastic, Non Pliable			
	<168	249			2	2					
	<168	40			3	3					
Total Depth - 3'											


								Sample Name: BH02		Date: 10/11/24	
								Site Name: Paint 4-33 Fed Com 712H			
								Incident Number: nAPP2420452024			
								Job Number: 03A1987135			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Bowan Simmons		Method: Hand Auger	
Coordinates: 32.152755, -103.682975								Hole Diameter: 4"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	TPH	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			N	BH02	0	0	CCHE	Dry, No Stain, Caliche, Non Plastic, Non Pliable			
	459				1	1	SP-SM	Dry, No Stain, Poorly graded red sand with silt, Non Plastic, Non Pliable			
	274	124			2	2					
	235	146			3	3					
	<168	35			4	4					
Total Depth - 4'											

								Sample Name: BH03		Date: 10/11/24	
								Site Name: Paint 4-33 Fed Com 712H			
								Incident Number: nAPP2420452024			
								Job Number: 03A1987135			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Bowan Simmons		Method: Hand Auger	
Coordinates: 32.152677, -103.682990								Hole Diameter: 4"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	TPH	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			N	BH03	0	0	CCHE	Dry, No Stain, Caliche, Non Plastic, Non Pliable			
	<168	118			1	1	SP-SM	Dry, No Stain, Poorly graded red sand with silt, Non Plastic, Non Pliable			
	<168	31			2	2					
	<168				3	3					
	<168				4	4					
Total Depth - 4'											

								Sample Name: BH04		Date: 10/11/24	
								Site Name: Paint 4-33 Fed Com 712H			
								Incident Number: nAPP2420452024			
								Job Number: 03A1987135			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Bowan Simmons		Method: Hand Auger	
Coordinates: 32.152779, -103.683117								Hole Diameter: 4"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	TPH	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			N	BH04	0	0	CCHE	Dry, No Stain, Caliche, Non Plastic, Non Pliable			
	<168	53			1	1	SP-SM	Dry, No Stain, Poorly graded red sand with silt, Non Plastic, Non Pliable			
	<168	34			2	2					
	<168				3	3					
	<168				4	4					
Total Depth - 4'											

								Sample Name: BH05		Date: 10/11/24	
								Site Name: Paint 4-33 Fed Com 712H			
								Incident Number: nAPP2420452024			
								Job Number: 03A1987135			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Bowan Simmons		Method: Hand Auger	
Coordinates: 32.152619, -103.682980								Hole Diameter: 4"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	TPH	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			N	BH05	0	0	CCHE	Dry, No Stain, Caliche, Non Plastic, Non Pliable			
	<168	65			1	1	SP-SM	Dry, No Stain, Poorly graded red sand with silt, Non Plastic, Non Pliable			
	<168	39			2	2					
	<168				3	3					
	<168				4	4					
Total Depth - 4'											

								Sample Name: BH06		Date: 10/11/24	
								Site Name: Paint 4-33 Fed Com 712H			
								Incident Number: nAPP2420452024			
								Job Number: 03A1987135			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Bowan Simmons		Method: Hand Auger	
Coordinates: 32.152619, -103.682980								Hole Diameter: 4"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	TPH	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			N	BH06	0	0	CCHE	Dry, No Stain, Caliche, Non Plastic, Non Pliable			
	<168	35			1	1	SP-SM	Dry, No Stain, Poorly graded red sand with silt, Non Plastic, Non Pliable			
	<168	27			2	2					
	<168				3	3					
	<168				4	4					
Total Depth - 4'											

								Sample Name: BH07		Date: 10/11/24	
								Site Name: Paint 4-33 Fed Com 712H			
								Incident Number: nAPP2420452024			
								Job Number: 03A1987135			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Bowan Simmons		Method: Hand Auger	
Coordinates: 32.152827, -103.682983								Hole Diameter: 4"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	TPH	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			N	BH07	0	0	CCHE	Dry, No Stain, Caliche, Non Plastic, Non Pliable			
	<168	63			1	1	SP-SM	Dry, No Stain, Poorly graded red sand with silt, Non Plastic, Non Pliable			
	168	38			2	2					
	168				3	3					
	<168				4	4					
Total Depth - 4'											



APPENDIX C

Photographic Log

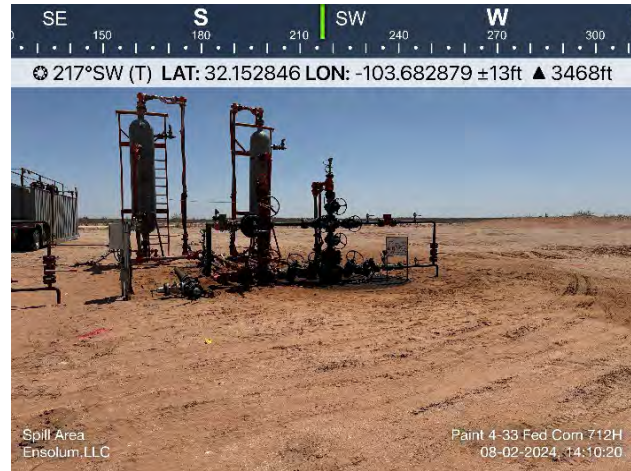


Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



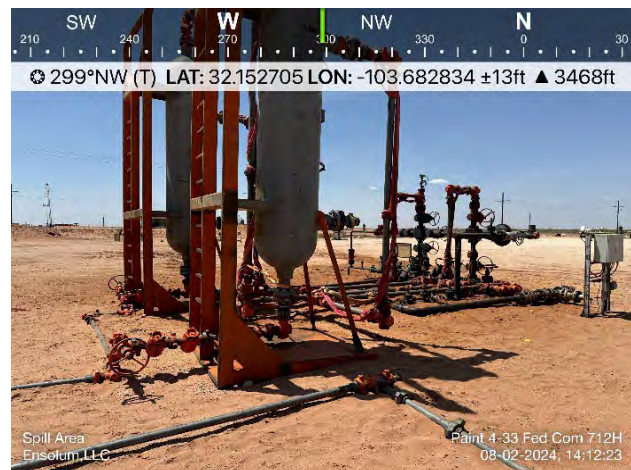
Photograph 1
Description: Signage
View: Northeast
Date: 8/2/2024



Photograph 2
Description: Spill Area
View: Southwest
Date: 8/2/2024



Photograph 3
Description: Spill Area
View: Southeast
Date: 8/2/2024



Photograph 4
Description: Spill Area
View: Northwest
Date: 8/2/2024



Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



Photograph 5
Description: SS01
View: Northeast

Date: 9/9/2024



Photograph 6
Description: SS02
View: Southeast

Date: 9/9/2024



Photograph 7
Description: SS03
View: South

Date: 9/9/2024



Photograph 8
Description: SS04
View: South

Date: 9/9/2024



Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



Photograph 9
Description: SS05
View: Southwest

Date: 9/10/2024



Photograph 10
Description: SS05
View: Southwest

Date: 9/10/2024



Photograph 11
Description: BH01
View: East

Date: 10/11/2024



Photograph 12
Description: BH02
View: Southeast

Date: 10/11/2024



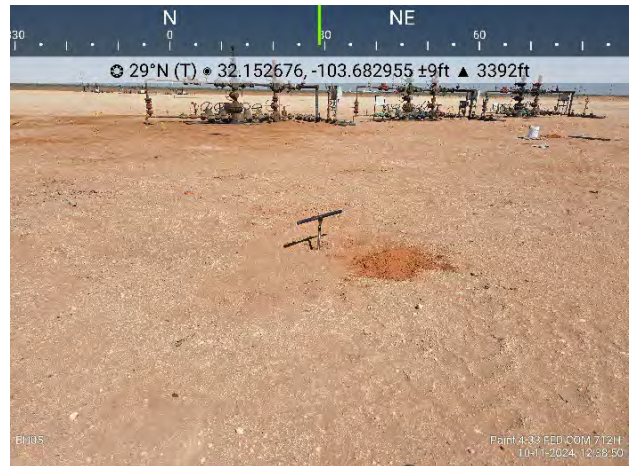
Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



Photograph 13
Description: BH04
View: Southwest

Date: 10/11/2024



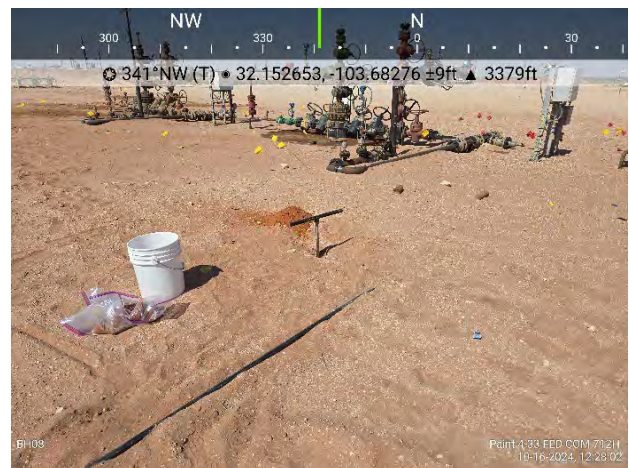
Photograph 14
Description: BH05
View: Northeast

Date: 10/11/2024



Photograph 15
Description: BH06
View: East

Date: 10/11/2024



Photograph 16
Description: BH08
View: North

Date: 10/16/2024



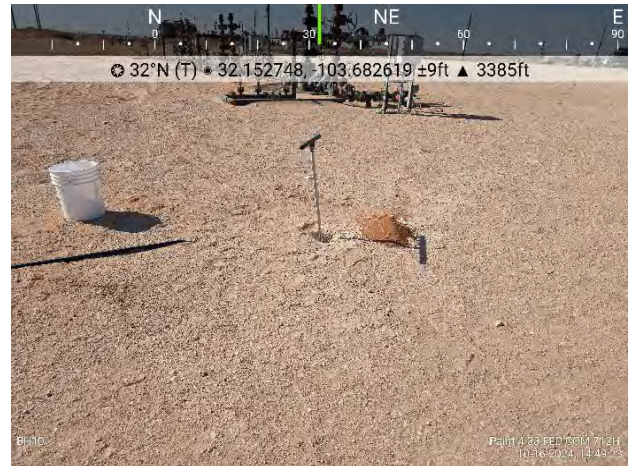
Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



Photograph 17
Description: BH09
View: Southeast

Date: 10/16/2024



Photograph 18
Description: BH10
View: Northeast

Date: 10/16/2024



Photograph 19
Description: Excavation
View: Southeast

Date: 12/10/2024



Photograph 20
Description: Excavation
View: West

Date: 12/10/2024



Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



Photograph 17
Description: BH09
View: Southeast

Date: 10/16/2024



Photograph 18
Description: BH10
View: Northeast

Date: 10/16/2024



Photograph 19
Description: Excavation
View: Southeast

Date: 12/10/2024



Photograph 20
Description: Excavation
View: West

Date: 12/10/2024



Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



Photograph 21
Description: DTW
View: Northeast

Date: 1/13/2025



Photograph 22
Description: DTW
View: South

Date: 1/13/2025



Photograph 23
Description: Excavation
View: Northwest

Date: 2/6/2025



Photograph 24
Description: Excavation
View: Northwest

Date: 2/6/2025



Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



Photograph 25
Description: Excavation
View: East

Date: 2/7/2025



Photograph 26
Description: Excavation
View: East

Date: 2/7/2025



Photograph 27
Description: Excavation
View: Northeast

Date: 2/7/2025



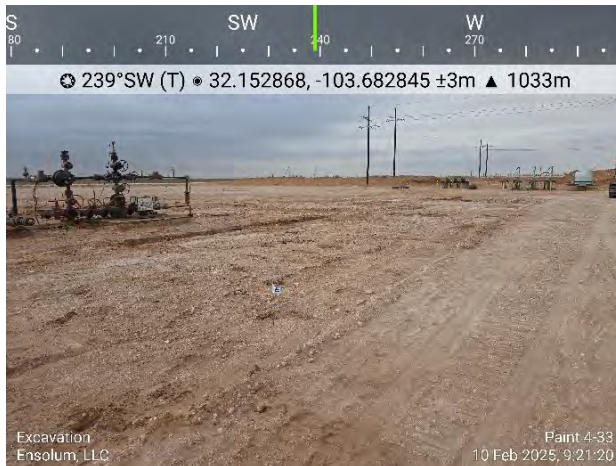
Photograph 28
Description: Excavation
View: East

Date: 2/7/2025



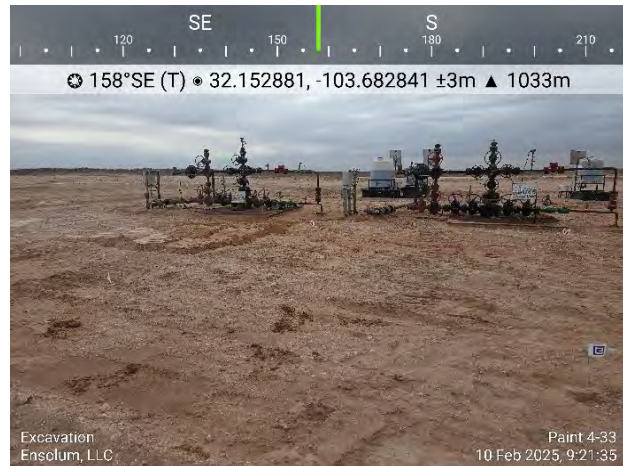
Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



Photograph 29
Description: Excavation
View: Southwest

Date: 2/10/2025



Photograph 30
Description: Excavation
View: South

Date: 2/10/2025



Photograph 31
Description: Excavation
View: Southwest

Date: 2/10/2025



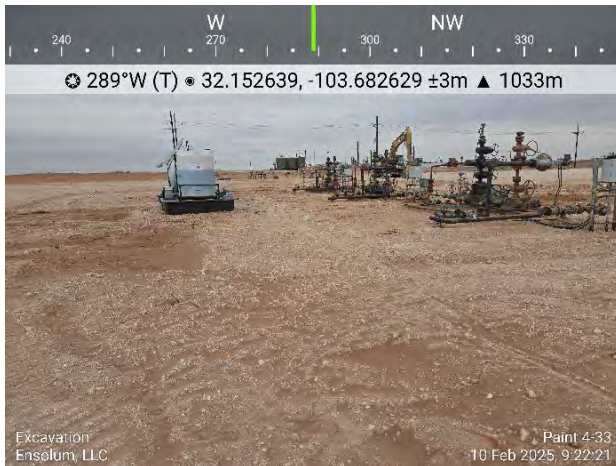
Photograph 32
Description: Excavation
View: South

Date: 2/10/2025



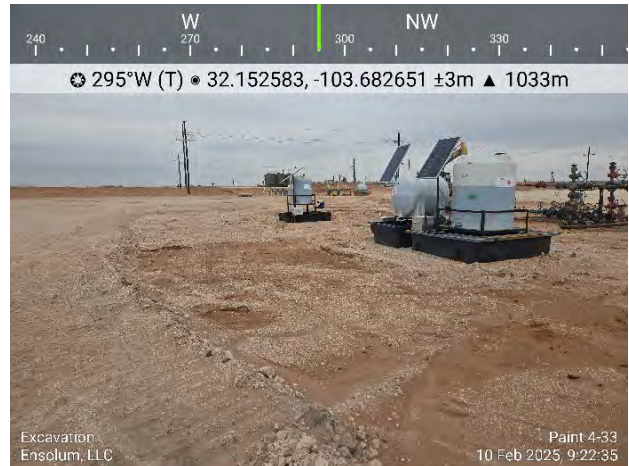
Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



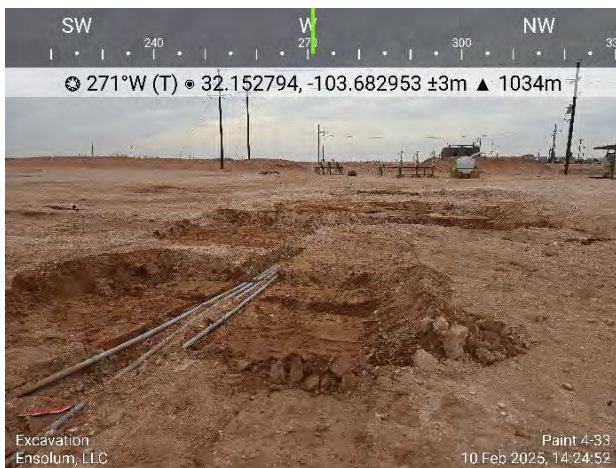
Photograph 33
Description: Excavation
View: West

Date: 2/10/2025



Photograph 34
Description: Excavation
View: Northwest

Date: 2/10/2025



Photograph 35
Description: Excavation
View: West

Date: 2/10/2025



Photograph 36
Description: Excavation
View: East

Date: 2/10/2025



Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



Photograph 37
Description: Excavation
View: Northwest

Date: 3/3/2025



Photograph 38
Description: Excavation
View: East

Date: 3/3/2025



Photograph 39
Description: Excavation
View: East

Date: 3/3/2025



Photograph 40
Description: Excavation
View: West

Date: 3/3/2025



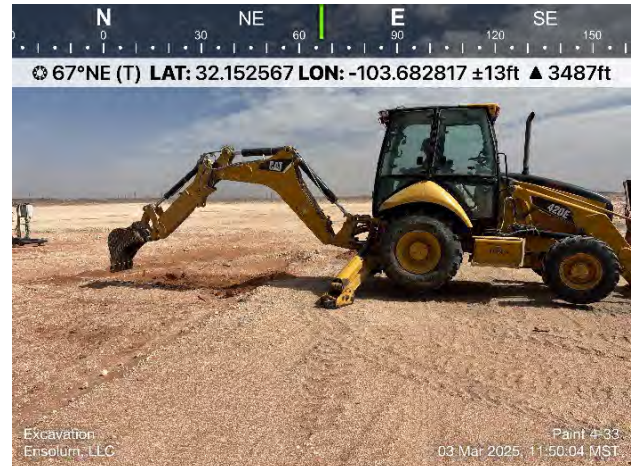
Photographic Log

Devon Energy Production Company, LP
Paint 4-33 Fed Com #712H
nAPP2420452024



Photograph 41
Description: Excavation
View: North

Date: 3/3/2025



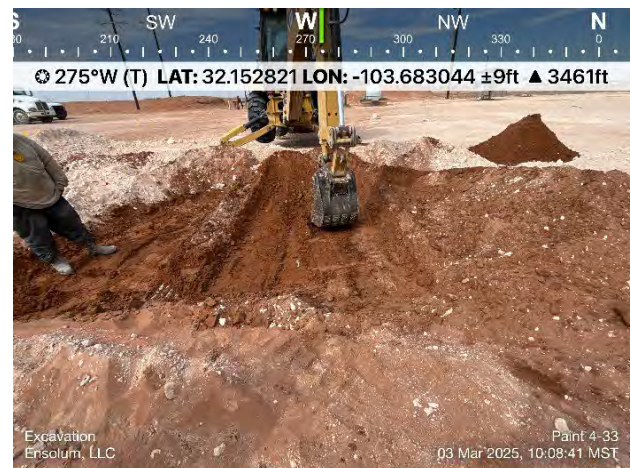
Photograph 42
Description: Excavation
View: Northeast

Date: 3/3/2025



Photograph 43
Description: Excavation
View: North

Date: 3/3/2025



Photograph 40
Description: Excavation
View: West

Date: 3/3/2025

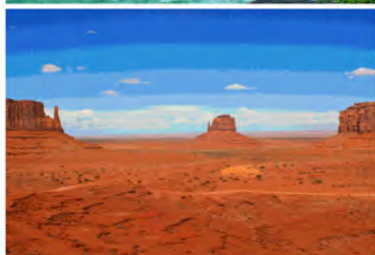


APPENDIX D

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: Paint 4-33 Fed Com 712H

Work Order: E409079

Job Number: 01058-0007

Received: 9/11/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/17/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/17/24

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Paint 4-33 Fed Com 712H
Workorder: E409079
Date Received: 9/11/2024 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/11/2024 6:00:00AM, under the Project Name: Paint 4-33 Fed Com 712H.

The analytical test results summarized in this report with the Project Name: Paint 4-33 Fed Com 712H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS01 - 0'	5
SS02 - 0'	6
SS03 - 0'	7
SS04 - 0'	8
QC Summary Data	9
QC - Volatile Organics by EPA 8021B	9
QC - Nonhalogenated Organics by EPA 8015D - GRO	10
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	11
QC - Anions by EPA 300.0/9056A	12
Definitions and Notes	13
Chain of Custody etc.	14

Sample Summary

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported: 09/17/24 10:36
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 - 0'	E409079-01A	Soil	09/09/24	09/11/24	Glass Jar, 2 oz.
SS02 - 0'	E409079-02A	Soil	09/09/24	09/11/24	Glass Jar, 2 oz.
SS03 - 0'	E409079-03A	Soil	09/09/24	09/11/24	Glass Jar, 2 oz.
SS04 - 0'	E409079-04A	Soil	09/09/24	09/11/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/17/2024 10:36:29AM
---	---	-----------------------------------

SS01 - 0'

E409079-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2437052	
Benzene	ND	0.0250	1	09/11/24	09/12/24	
Ethylbenzene	ND	0.0250	1	09/11/24	09/12/24	
Toluene	ND	0.0250	1	09/11/24	09/12/24	
o-Xylene	ND	0.0250	1	09/11/24	09/12/24	
p,m-Xylene	ND	0.0500	1	09/11/24	09/12/24	
Total Xylenes	ND	0.0250	1	09/11/24	09/12/24	
Surrogate: 4-Bromochlorobenzene-PID	88.0 %	70-130		09/11/24	09/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2437052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/11/24	09/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.1 %	70-130		09/11/24	09/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2437050	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/24	09/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/24	09/13/24	
Surrogate: n-Nonane	79.5 %	50-200		09/11/24	09/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2437057	
Chloride	367	20.0	1	09/11/24	09/11/24	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/17/2024 10:36:29AM

SS02 - 0'

E409079-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2437052	
Benzene	ND	0.0250	1	09/11/24	09/12/24	
Ethylbenzene	ND	0.0250	1	09/11/24	09/12/24	
Toluene	ND	0.0250	1	09/11/24	09/12/24	
o-Xylene	ND	0.0250	1	09/11/24	09/12/24	
p,m-Xylene	ND	0.0500	1	09/11/24	09/12/24	
Total Xylenes	ND	0.0250	1	09/11/24	09/12/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		09/11/24	09/12/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2437052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/11/24	09/12/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		09/11/24	09/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2437050	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/24	09/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/24	09/13/24	
<i>Surrogate: n-Nonane</i>						
	77.4 %	50-200		09/11/24	09/13/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2437057	
Chloride	231	20.0	1	09/11/24	09/11/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/17/2024 10:36:29AM
---	---	-----------------------------------

SS03 - 0'

E409079-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2437052	
Benzene	ND	0.0250	1	09/11/24	09/12/24	
Ethylbenzene	ND	0.0250	1	09/11/24	09/12/24	
Toluene	ND	0.0250	1	09/11/24	09/12/24	
o-Xylene	ND	0.0250	1	09/11/24	09/12/24	
p,m-Xylene	ND	0.0500	1	09/11/24	09/12/24	
Total Xylenes	ND	0.0250	1	09/11/24	09/12/24	
Surrogate: 4-Bromochlorobenzene-PID	89.1 %	70-130		09/11/24	09/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2437052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/11/24	09/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.6 %	70-130		09/11/24	09/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2437050	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/24	09/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/24	09/13/24	
Surrogate: n-Nonane	78.1 %	50-200		09/11/24	09/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2437057	
Chloride	218	20.0	1	09/11/24	09/11/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/17/2024 10:36:29AM
---	---	-----------------------------------

SS04 - 0'

E409079-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2437052	
Benzene	ND	0.0250	1	09/11/24	09/12/24	
Ethylbenzene	ND	0.0250	1	09/11/24	09/12/24	
Toluene	ND	0.0250	1	09/11/24	09/12/24	
o-Xylene	ND	0.0250	1	09/11/24	09/12/24	
p,m-Xylene	ND	0.0500	1	09/11/24	09/12/24	
Total Xylenes	ND	0.0250	1	09/11/24	09/12/24	
Surrogate: 4-Bromochlorobenzene-PID	90.0 %	70-130		09/11/24	09/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2437052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/11/24	09/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.4 %	70-130		09/11/24	09/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2437050	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/24	09/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/24	09/13/24	
Surrogate: n-Nonane	77.6 %	50-200		09/11/24	09/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2437057	
Chloride	129	20.0	1	09/11/24	09/11/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/17/2024 10:36:29AM

Volatile Organics by EPA 8021B

Analyst: CG

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

Blank (2437052-BLK1) Prepared: 09/11/24 Analyzed: 09/12/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.99		8.00		87.3	70-130			

LCS (2437052-BS1) Prepared: 09/11/24 Analyzed: 09/12/24

Benzene	5.35	0.0250	5.00		107	70-130			
Ethylbenzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.25	0.0250	5.00		105	70-130			
o-Xylene	5.11	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.1	70-130			

Matrix Spike (2437052-MS1) Source: E409079-01 Prepared: 09/11/24 Analyzed: 09/12/24

Benzene	5.03	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	61-133			
Toluene	4.93	0.0250	5.00	ND	98.6	61-130			
o-Xylene	4.77	0.0250	5.00	ND	95.4	63-131			
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.10		8.00		88.8	70-130			

Matrix Spike Dup (2437052-MSD1) Source: E409079-01 Prepared: 09/11/24 Analyzed: 09/12/24

Benzene	5.12	0.0250	5.00	ND	102	54-133	1.65	20	
Ethylbenzene	4.86	0.0250	5.00	ND	97.2	61-133	1.16	20	
Toluene	4.99	0.0250	5.00	ND	99.8	61-130	1.20	20	
o-Xylene	4.84	0.0250	5.00	ND	96.8	63-131	1.52	20	
p,m-Xylene	9.86	0.0500	10.0	ND	98.6	63-131	1.19	20	
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131	1.30	20	
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/17/2024 10:36:29AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

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

Blank (2437052-BLK1) Prepared: 09/11/24 Analyzed: 09/12/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			

LCS (2437052-BS2) Prepared: 09/11/24 Analyzed: 09/12/24

Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.7	70-130			

Matrix Spike (2437052-MS2) Source: E409079-01 Prepared: 09/11/24 Analyzed: 09/12/24

Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	ND	83.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.8	70-130			

Matrix Spike Dup (2437052-MSD2) Source: E409079-01 Prepared: 09/11/24 Analyzed: 09/12/24

Gasoline Range Organics (C6-C10)	44.2	20.0	50.0	ND	88.3	70-130	5.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/17/2024 10:36:29AM

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 (2437050-BLK1)					Prepared: 09/11/24 Analyzed: 09/13/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.1		50.0		100	50-200			

LCS (2437050-BS1)					Prepared: 09/11/24 Analyzed: 09/13/24				
Diesel Range Organics (C10-C28)	208	25.0	250		83.3	38-132			
Surrogate: n-Nonane	46.9		50.0		93.8	50-200			

Matrix Spike (2437050-MS1)					Source: E409079-01		Prepared: 09/11/24 Analyzed: 09/13/24		
Diesel Range Organics (C10-C28)	211	25.0	250	ND	84.3	38-132			
Surrogate: n-Nonane	47.1		50.0		94.3	50-200			

Matrix Spike Dup (2437050-MSD1)					Source: E409079-01		Prepared: 09/11/24 Analyzed: 09/13/24		
Diesel Range Organics (C10-C28)	214	25.0	250	ND	85.8	38-132	1.79	20	
Surrogate: n-Nonane	46.6		50.0		93.2	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/17/2024 10:36:29AM

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 (2437057-BLK1)					Prepared: 09/11/24 Analyzed: 09/11/24				
Chloride	ND	20.0							
LCS (2437057-BS1)					Prepared: 09/11/24 Analyzed: 09/11/24				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2437057-MS1)					Source: E409076-03		Prepared: 09/11/24 Analyzed: 09/11/24		
Chloride	6090	100	250	5980	43.5	80-120			M4
Matrix Spike Dup (2437057-MSD1)					Source: E409076-03		Prepared: 09/11/24 Analyzed: 09/11/24		
Chloride	6870	100	250	5980	356	80-120	12.1	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:	Paint 4-33 Fed Com 712H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/17/24 10:36

- M4Matrix 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.
- NDAnalyte NOT DETECTED at or above the reporting limit
- NRNot Reported
- RPDRelative Percent Difference
- DNIDid Not Ignite
- DNRDid 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: Devon				Company: Devon				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX								
Project: Paint 4-33 Fed Com 712H				Address: 205 E Bender Road #150				E409079		01058-0007					X	X											
Project Manager: Ashley Gioveno				City, State, Zip: Hobbs NM, 88240																							
Address: 3122 National Parks Hwy				Phone: (575)748-1838																							
City, State, Zip: Carlsbad NM, 88220				Email: dale.woodall@dv.com																							
Phone: 575-988-0055				Miscellaneous: Dale Woodall																							
Email: agioveno@ensolum.com																											
																Analysis and Method				EPA Program							
																DRO/ORO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005-TX	RCRA 8 Metals	SDWA	CWA	RCRA	
																								Compliance	Y	or	N
																								PWSID #			
Sample Information																											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number											Remarks									
12:57	9/9/24	S	1	SS01-0'			1								X												
13:34	9/9/24	S	1	SS02-0'			2								X												
13:36	9/9/24	S	1	SS03-0'			3								X												
13:38	9/9/24	S	1	SS04-0'			4								X												
Additional Instructions: Please CC: cburton@ensolum.com, agioveno@ensolum.com, dale.woodall@dv.com, chamilton@ensolum.com, iestrella@ensolum.com, bdean@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: Chad Hamilton, Bowen 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 <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4																			
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: 9/11/2024 9:31:50AM

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:	Devon Energy - Carlsbad	Date Received:	09/11/24 06:00	Work Order ID:	E409079
Phone:	(505) 382-1211	Date Logged In:	09/10/24 15:52	Logged In By:	Noe Soto
Email:	ashley.giovengo@wescominc.com	Due Date:	09/17/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

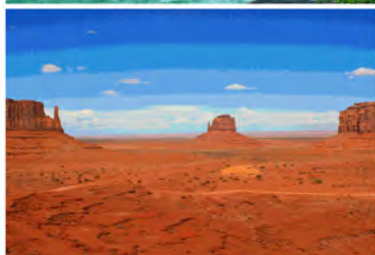
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Paint 4-33 Fed Com 712H

Work Order: E409085

Job Number: 01058-0007

Received: 9/12/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/18/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/18/24



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Paint 4-33 Fed Com 712H
Workorder: E409085
Date Received: 9/12/2024 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/12/2024 6:00:00AM, under the Project Name: Paint 4-33 Fed Com 712H.

The analytical test results summarized in this report with the Project Name: Paint 4-33 Fed Com 712H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS05-0'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/18/24 11:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS05-0'	E409085-01A	Soil	09/10/24	09/12/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/18/2024 11:19:53AM
---	---	-----------------------------------

SS05-0'
E409085-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2437062	
Benzene	ND	0.0250	1	09/12/24	09/13/24	
Ethylbenzene	ND	0.0250	1	09/12/24	09/13/24	
Toluene	ND	0.0250	1	09/12/24	09/13/24	
o-Xylene	ND	0.0250	1	09/12/24	09/13/24	
p,m-Xylene	ND	0.0500	1	09/12/24	09/13/24	
Total Xylenes	ND	0.0250	1	09/12/24	09/13/24	
Surrogate: 4-Bromochlorobenzene-PID	90.3 %	70-130		09/12/24	09/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2437062	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/24	09/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.9 %	70-130		09/12/24	09/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2437084	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/13/24	09/17/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/13/24	09/17/24	
Surrogate: n-Nonane	88.3 %	50-200		09/13/24	09/17/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2437060	
Chloride	247	20.0	1	09/12/24	09/12/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/18/2024 11:19:53AM

Volatile Organics by EPA 8021B

Analyst: CG

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

Blank (2437062-BLK1) Prepared: 09/12/24 Analyzed: 09/12/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.16		8.00		89.5	70-130			

LCS (2437062-BS1) Prepared: 09/12/24 Analyzed: 09/12/24

Benzene	4.80	0.0250	5.00		96.0	70-130			
Ethylbenzene	4.60	0.0250	5.00		91.9	70-130			
Toluene	4.71	0.0250	5.00		94.2	70-130			
o-Xylene	4.56	0.0250	5.00		91.2	70-130			
p,m-Xylene	9.33	0.0500	10.0		93.3	70-130			
Total Xylenes	13.9	0.0250	15.0		92.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.7	70-130			

Matrix Spike (2437062-MS1) Source: E409083-10 Prepared: 09/12/24 Analyzed: 09/12/24

Benzene	5.00	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.75	0.0250	5.00	ND	95.1	61-133			
Toluene	4.88	0.0250	5.00	ND	97.6	61-130			
o-Xylene	4.73	0.0250	5.00	ND	94.6	63-131			
p,m-Xylene	9.65	0.0500	10.0	ND	96.5	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	95.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		89.1	70-130			

Matrix Spike Dup (2437062-MSD1) Source: E409083-10 Prepared: 09/12/24 Analyzed: 09/12/24

Benzene	4.92	0.0250	5.00	ND	98.4	54-133	1.57	20	
Ethylbenzene	4.69	0.0250	5.00	ND	93.9	61-133	1.29	20	
Toluene	4.81	0.0250	5.00	ND	96.2	61-130	1.43	20	
o-Xylene	4.67	0.0250	5.00	ND	93.4	63-131	1.23	20	
p,m-Xylene	9.53	0.0500	10.0	ND	95.3	63-131	1.30	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.6	63-131	1.28	20	
Surrogate: 4-Bromochlorobenzene-PID	6.99		8.00		87.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/18/2024 11:19:53AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

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

Blank (2437062-BLK1) Prepared: 09/12/24 Analyzed: 09/12/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			

LCS (2437062-BS2) Prepared: 09/12/24 Analyzed: 09/12/24

Gasoline Range Organics (C6-C10)	41.5	20.0	50.0		83.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			

Matrix Spike (2437062-MS2) Source: E409083-10 Prepared: 09/12/24 Analyzed: 09/12/24

Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	84.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.6	70-130			

Matrix Spike Dup (2437062-MSD2) Source: E409083-10 Prepared: 09/12/24 Analyzed: 09/12/24

Gasoline Range Organics (C6-C10)	42.4	20.0	50.0	ND	84.8	70-130	0.127	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/18/2024 11:19:53AM

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 (2437084-BLK1)					Prepared: 09/13/24 Analyzed: 09/17/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	50-200			

LCS (2437084-BS1)					Prepared: 09/13/24 Analyzed: 09/17/24				
Diesel Range Organics (C10-C28)	209	25.0	250		83.6	38-132			
Surrogate: n-Nonane	50.7		50.0		101	50-200			

Matrix Spike (2437084-MS1)					Source: E409105-01		Prepared: 09/13/24 Analyzed: 09/18/24		
Diesel Range Organics (C10-C28)	197	25.0	250	ND	78.9	38-132			
Surrogate: n-Nonane	51.2		50.0		102	50-200			

Matrix Spike Dup (2437084-MSD1)					Source: E409105-01		Prepared: 09/13/24 Analyzed: 09/18/24		
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	38-132	27.9	20	R3
Surrogate: n-Nonane	47.9		50.0		95.9	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/18/2024 11:19:53AM

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 (2437060-BLK1)					Prepared: 09/11/24 Analyzed: 09/11/24				
Chloride	ND	20.0							
LCS (2437060-BS1)					Prepared: 09/11/24 Analyzed: 09/11/24				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2437060-MS1)					Source: E409082-03		Prepared: 09/11/24 Analyzed: 09/11/24		
Chloride	254	20.0	250	ND	101	80-120			
Matrix Spike Dup (2437060-MSD1)					Source: E409082-03		Prepared: 09/11/24 Analyzed: 09/11/24		
Chloride	253	20.0	250	ND	101	80-120	0.235	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:	Paint 4-33 Fed Com 712H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/18/24 11:19

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

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

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



[illegible]

envirotech

Envirotech Analytical Laboratory

Printed: 9/12/2024 9:09:02AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	09/12/24 06:00	Work Order ID:	E409085
Phone:	(505) 382-1211	Date Logged In:	09/11/24 15:25	Logged In By:	Raina Schwanz
Email:	ashley.giovengo@wescominc.com	Due Date:	09/18/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	No
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

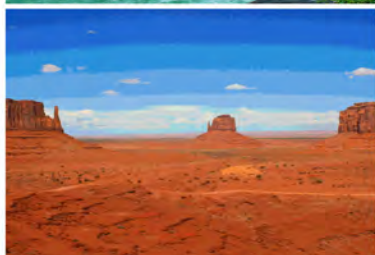
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Paint 4-33 Fed Com 712H

Work Order: E410144

Job Number: 01058-0007

Received: 10/15/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/21/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 10/21/24

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Paint 4-33 Fed Com 712H
Workorder: E410144
Date Received: 10/15/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/15/2024 8:00:00AM, under the Project Name: Paint 4-33 Fed Com 712H.

The analytical test results summarized in this report with the Project Name: Paint 4-33 Fed Com 712H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH01 - 0'	5
BH01 - 1'	6
BH0 1 - 3'	7
BH03 - 0'	8
BH03 - 2'	9
BH04 - 0'	10
BH04 - 2'	11
BH05 - 0'	12
BH05 - 2'	13
BH06 - 0'	14
BH06 - 2'	15
BH07 - 0'	16
BH07 - 2'	17
QC Summary Data	18
QC - Volatile Organics by EPA 8021B	18
QC - Nonhalogenated Organics by EPA 8015D - GRO	19
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	20
QC - Anions by EPA 300.0/9056A	21
Definitions and Notes	22
Chain of Custody etc.	23

Sample Summary

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/21/24 07:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 - 0'	E410144-01A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH01 - 1'	E410144-02A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH01 - 3'	E410144-03A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH03 - 0'	E410144-04A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH03 - 2'	E410144-05A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH04 - 0'	E410144-06A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH04 - 2'	E410144-07A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH05 - 0'	E410144-08A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH05 - 2'	E410144-09A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH06 - 0'	E410144-10A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH06 - 2'	E410144-11A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH07 - 0'	E410144-12A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.
BH07 - 2'	E410144-13A	Soil	10/11/24	10/15/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2024 7:26:27AM
---	---	-----------------------------------

BH01 - 0'

E410144-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/16/24	
Toluene	ND	0.0250	1	10/15/24	10/16/24	
o-Xylene	ND	0.0250	1	10/15/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID	107 %	70-130		10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.1 %	70-130		10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	966	25.0	1	10/15/24	10/15/24	
Oil Range Organics (C28-C36)	604	50.0	1	10/15/24	10/15/24	
Surrogate: n-Nonane	104 %	50-200		10/15/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	727	20.0	1	10/15/24	10/16/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2024 7:26:27AM
---	---	-----------------------------------

BH01 - 1'

E410144-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/16/24	
Toluene	ND	0.0250	1	10/15/24	10/16/24	
o-Xylene	ND	0.0250	1	10/15/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.9 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	25.6	25.0	1	10/15/24	10/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/24	10/15/24	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	10/15/24	10/15/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	132	20.0	1	10/15/24	10/16/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2024 7:26:27AM
---	---	-----------------------------------

BH0 1 - 3'

E410144-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/16/24	
Toluene	ND	0.0250	1	10/15/24	10/16/24	
o-Xylene	ND	0.0250	1	10/15/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID	103 %	70-130		10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.3 %	70-130		10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/24	10/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/24	10/15/24	
Surrogate: n-Nonane	103 %	50-200		10/15/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	ND	20.0	1	10/15/24	10/16/24	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
10/21/2024 7:26:27AM

BH03 - 0'

E410144-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/16/24	
Toluene	ND	0.0250	1	10/15/24	10/16/24	
o-Xylene	ND	0.0250	1	10/15/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.8 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	6630	25.0	1	10/15/24	10/15/24	
Oil Range Organics (C28-C36)	4140	50.0	1	10/15/24	10/15/24	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	10/15/24	10/15/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	1800	20.0	1	10/15/24	10/16/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2024 7:26:27AM
---	---	-----------------------------------

BH03 - 2'

E410144-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/17/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/17/24	
Toluene	ND	0.0250	1	10/15/24	10/17/24	
o-Xylene	ND	0.0250	1	10/15/24	10/17/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/17/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/17/24	
Surrogate: 4-Bromochlorobenzene-PID	105 %	70-130		10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.4 %	70-130		10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/24	10/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/24	10/16/24	
Surrogate: n-Nonane	105 %	50-200		10/15/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	ND	20.0	1	10/15/24	10/16/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2024 7:26:27AM
---	---	-----------------------------------

BH04 - 0'

E410144-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/17/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/17/24	
Toluene	ND	0.0250	1	10/15/24	10/17/24	
o-Xylene	ND	0.0250	1	10/15/24	10/17/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/17/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.9 %	70-130	10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	136	25.0	1	10/15/24	10/16/24	
Oil Range Organics (C28-C36)	153	50.0	1	10/15/24	10/16/24	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	10/15/24	10/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	356	20.0	1	10/15/24	10/16/24	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
10/21/2024 7:26:27AM

BH04 - 2'**E410144-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/17/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/17/24	
Toluene	ND	0.0250	1	10/15/24	10/17/24	
o-Xylene	ND	0.0250	1	10/15/24	10/17/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/17/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.7 %	70-130	10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/24	10/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/24	10/16/24	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	10/15/24	10/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	ND	20.0	1	10/15/24	10/16/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2024 7:26:27AM
---	---	-----------------------------------

BH05 - 0'

E410144-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/17/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/17/24	
Toluene	ND	0.0250	1	10/15/24	10/17/24	
o-Xylene	ND	0.0250	1	10/15/24	10/17/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/17/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/17/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.1 %	70-130	10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	512	25.0	1	10/15/24	10/16/24	
Oil Range Organics (C28-C36)	158	50.0	1	10/15/24	10/16/24	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	10/15/24	10/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	2650	40.0	2	10/15/24	10/16/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2024 7:26:27AM
---	---	-----------------------------------

BH05 - 2'

E410144-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/17/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/17/24	
Toluene	ND	0.0250	1	10/15/24	10/17/24	
o-Xylene	ND	0.0250	1	10/15/24	10/17/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/17/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/17/24	
Surrogate: 4-Bromochlorobenzene-PID	105 %	70-130		10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.0 %	70-130		10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/24	10/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/24	10/16/24	
Surrogate: n-Nonane	105 %	50-200		10/15/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	28.6	20.0	1	10/15/24	10/16/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2024 7:26:27AM
---	---	-----------------------------------

BH06 - 0'

E410144-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/16/24	
Toluene	ND	0.0250	1	10/15/24	10/16/24	
o-Xylene	ND	0.0250	1	10/15/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/16/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/16/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.9 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	40.2	25.0	1	10/15/24	10/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/24	10/16/24	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	10/15/24	10/16/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	927	20.0	1	10/15/24	10/16/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2024 7:26:27AM
---	---	-----------------------------------

BH06 - 2'

E410144-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/17/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/17/24	
Toluene	ND	0.0250	1	10/15/24	10/17/24	
o-Xylene	ND	0.0250	1	10/15/24	10/17/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/17/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/17/24	
Surrogate: 4-Bromochlorobenzene-PID	104 %	70-130		10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.6 %	70-130		10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/24	10/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/24	10/16/24	
Surrogate: n-Nonane	107 %	50-200		10/15/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	ND	20.0	1	10/15/24	10/16/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2024 7:26:27AM
---	---	-----------------------------------

BH07 - 0'

E410144-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/17/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/17/24	
Toluene	ND	0.0250	1	10/15/24	10/17/24	
o-Xylene	ND	0.0250	1	10/15/24	10/17/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/17/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/17/24	
Surrogate: 4-Bromochlorobenzene-PID	104 %	70-130		10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.8 %	70-130		10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	657	25.0	1	10/15/24	10/16/24	
Oil Range Organics (C28-C36)	1180	50.0	1	10/15/24	10/16/24	
Surrogate: n-Nonane	107 %	50-200		10/15/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	1320	20.0	1	10/15/24	10/16/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/21/2024 7:26:27AM
---	---	-----------------------------------

BH07 - 2'

E410144-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Benzene	ND	0.0250	1	10/15/24	10/17/24	
Ethylbenzene	ND	0.0250	1	10/15/24	10/17/24	
Toluene	ND	0.0250	1	10/15/24	10/17/24	
o-Xylene	ND	0.0250	1	10/15/24	10/17/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/17/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/17/24	
Surrogate: 4-Bromochlorobenzene-PID	103 %	70-130		10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG		Batch: 2442066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.5 %	70-130		10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2442075	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/24	10/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/24	10/16/24	
Surrogate: n-Nonane	107 %	50-200		10/15/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2442085	
Chloride	121	20.0	1	10/15/24	10/16/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/21/2024 7:26:27AM

Volatile Organics by EPA 8021B

Analyst: CG

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

Blank (2442066-BLK1) Prepared: 10/15/24 Analyzed: 10/16/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			

LCS (2442066-BS1) Prepared: 10/15/24 Analyzed: 10/16/24

Benzene	5.30	0.0250	5.00		106	70-130			
Ethylbenzene	5.17	0.0250	5.00		103	70-130			
Toluene	5.26	0.0250	5.00		105	70-130			
o-Xylene	5.17	0.0250	5.00		103	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			

Matrix Spike (2442066-MS1) Source: E410144-10 Prepared: 10/15/24 Analyzed: 10/16/24

Benzene	5.33	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.19	0.0250	5.00	ND	104	61-133			
Toluene	5.28	0.0250	5.00	ND	106	61-130			
o-Xylene	5.21	0.0250	5.00	ND	104	63-131			
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131			
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.28		8.00		104	70-130			

Matrix Spike Dup (2442066-MSD1) Source: E410144-10 Prepared: 10/15/24 Analyzed: 10/16/24

Benzene	5.49	0.0250	5.00	ND	110	54-133	3.00	20	
Ethylbenzene	5.36	0.0250	5.00	ND	107	61-133	3.18	20	
Toluene	5.45	0.0250	5.00	ND	109	61-130	3.12	20	
o-Xylene	5.38	0.0250	5.00	ND	108	63-131	3.14	20	
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131	3.04	20	
Total Xylenes	16.2	0.0250	15.0	ND	108	63-131	3.07	20	
Surrogate: 4-Bromochlorobenzene-PID	8.28		8.00		104	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/21/2024 7:26:27AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

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

Blank (2442066-BLK1) Prepared: 10/15/24 Analyzed: 10/16/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

LCS (2442066-BS2) Prepared: 10/15/24 Analyzed: 10/16/24

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			

Matrix Spike (2442066-MS2) Source: E410144-10 Prepared: 10/15/24 Analyzed: 10/16/24

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			

Matrix Spike Dup (2442066-MSD2) Source: E410144-10 Prepared: 10/15/24 Analyzed: 10/16/24

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.2	70-130	5.25	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/21/2024 7:26:27AM

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 (2442075-BLK1)					Prepared: 10/15/24 Analyzed: 10/15/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.5		50.0		109	50-200			

LCS (2442075-BS1)					Prepared: 10/15/24 Analyzed: 10/15/24				
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	51.6		50.0		103	50-200			

Matrix Spike (2442075-MS1)					Source: E410144-05		Prepared: 10/15/24 Analyzed: 10/15/24		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			

Matrix Spike Dup (2442075-MSD1)					Source: E410144-05		Prepared: 10/15/24 Analyzed: 10/15/24		
Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	38-132	3.20	20	
Surrogate: n-Nonane	52.1		50.0		104	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/21/2024 7:26:27AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2442085-BLK1)					Prepared: 10/15/24 Analyzed: 10/16/24				
Chloride	ND	20.0							
LCS (2442085-BS1)					Prepared: 10/15/24 Analyzed: 10/16/24				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2442085-MS1)					Source: E410144-07		Prepared: 10/15/24 Analyzed: 10/16/24		
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2442085-MSD1)					Source: E410144-07		Prepared: 10/15/24 Analyzed: 10/16/24		
Chloride	260	20.0	250	ND	104	80-120	0.302	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:	Paint 4-33 Fed Com 712H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/21/24 07:26

- 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.

Chain of Custody

Page 1 of 2

Client Information					Invoice Information			Lab Use Only			TAT				State						
Client: Devon					Company: Devon			Lab WO#			1D 2D 3D Std				NM CO UT TX						
Project: Paint 4-33 Fed Com 712H					Address: 205 E Bender Road #150			E410144			Job Number 01058-007				X						
Project Manager: Ashley Giovengo					City, State, Zip: Hobbs NM, 88240																
Address: 3122 National Parks Hwy					Phone: (575)748-1838																
City, State, Zip: Carlsbad NM, 88220					Email: dale.woodall@dv.com																
Phone: 575-988-0055					Miscellaneous: Dale Woodall																
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/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				
9:33	10/11/24	Soil	1	BH01-0'		1						X									
9:35				BH01-1'		2						X									
9:43				BH01-3'		3						X									
10:36				BH03-0'		4						X									
10:46				BH03-2'		5						X									
11:21				BH04-0'		6						X									
11:32				BH04-2'		7						X									
11:44				BH05-0'		8						X									
11:52				BH05-2'		9						X									
12:24				BH06-0'		10						X									
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, dale.woodall@dv.com, iestrella@ensolum.com, bdeal@ensolum.com, 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: Cole Burton, Bonan 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: (Y) / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4													
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.																					



Page 2 of 2

envirotech

Envirotech Analytical Laboratory

Printed: 10/15/2024 10:17:37AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/15/24 08:00	Work Order ID:	E410144
Phone:	(505) 382-1211	Date Logged In:	10/14/24 16:04	Logged In By:	Noe Soto
Email:	agiovento@ensolum.com	Due Date:	10/21/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

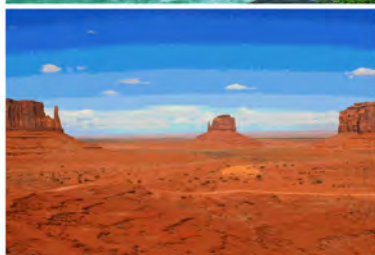
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Paint 4-33 Fed Com 712H

Work Order: E410183

Job Number: 01058-0007

Received: 10/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/23/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 10/23/24

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Paint 4-33 Fed Com 712H
Workorder: E410183
Date Received: 10/18/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2024 8:00:00AM, under the Project Name: Paint 4-33 Fed Com 712H.

The analytical test results summarized in this report with the Project Name: Paint 4-33 Fed Com 712H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH02-0'	5
BH02-2'	6
BH02-4'	7
BH08-0'	8
BH08-1'	9
BH08-3'	10
BH09-0'	11
BH09-1'	12
BH09-3'	13
BH10-0'	14
BH10-2'	15
QC Summary Data	16
QC - Volatile Organic Compounds by EPA 8260B	16
QC - Nonhalogenated Organics by EPA 8015D - GRO	17
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	18
QC - Anions by EPA 300.0/9056A	19
Definitions and Notes	20
Chain of Custody etc.	21

Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/23/24 08:28
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH02-0'	E410183-01A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
BH02-2'	E410183-02A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
BH02-4'	E410183-03A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
BH08-0'	E410183-04A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
BH08-1'	E410183-05A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
BH08-3'	E410183-06A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
BH09-0'	E410183-07A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
BH09-1'	E410183-08A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
BH09-3'	E410183-09A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
BH10-0'	E410183-10A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
BH10-2'	E410183-11A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/23/2024 8:28:35AM
---	---	-----------------------------------

BH02-0'

E410183-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Benzene	ND	0.0250	1	10/18/24	10/20/24	
Ethylbenzene	0.0830	0.0250	1	10/18/24	10/20/24	
Toluene	ND	0.0250	1	10/18/24	10/20/24	
o-Xylene	0.669	0.0250	1	10/18/24	10/20/24	
p,m-Xylene	1.77	0.0500	1	10/18/24	10/20/24	
Total Xylenes	2.44	0.0250	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		121 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		112 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Gasoline Range Organics (C6-C10)	48.0	20.0	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		121 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		112 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2442149	
Diesel Range Organics (C10-C28)	17500	50.0	2	10/18/24	10/18/24	
Oil Range Organics (C28-C36)	8370	100	2	10/18/24	10/18/24	
Surrogate: n-Nonane		89.8 %	50-200	10/18/24	10/18/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2442160	
Chloride	5980	100	5	10/18/24	10/18/24	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
10/23/2024 8:28:35AM

BH02-2'

E410183-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2442154
Benzene	ND	0.0250	1	10/18/24	10/20/24	
Ethylbenzene	ND	0.0250	1	10/18/24	10/20/24	
Toluene	ND	0.0250	1	10/18/24	10/20/24	
o-Xylene	ND	0.0250	1	10/18/24	10/20/24	
p,m-Xylene	ND	0.0500	1	10/18/24	10/20/24	
Total Xylenes	ND	0.0250	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		121 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		107 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2442154
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		121 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		107 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2442149
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/24	10/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/24	10/20/24	
Surrogate: n-Nonane		86.2 %	50-200	10/18/24	10/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2442160
Chloride	727	20.0	1	10/18/24	10/18/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/23/2024 8:28:35AM
---	---	-----------------------------------

BH02-4'

E410183-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2442154
Benzene	ND	0.0250	1	10/18/24	10/20/24	
Ethylbenzene	ND	0.0250	1	10/18/24	10/20/24	
Toluene	ND	0.0250	1	10/18/24	10/20/24	
o-Xylene	ND	0.0250	1	10/18/24	10/20/24	
p,m-Xylene	ND	0.0500	1	10/18/24	10/20/24	
Total Xylenes	ND	0.0250	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		119 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		110 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2442154
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		119 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		110 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2442149
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/24	10/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/24	10/18/24	
Surrogate: n-Nonane		77.0 %	50-200	10/18/24	10/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2442160
Chloride	61.5	20.0	1	10/18/24	10/18/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/23/2024 8:28:35AM
---	---	-----------------------------------

BH08-0'

E410183-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Benzene	ND	0.0250	1	10/18/24	10/20/24	
Ethylbenzene	ND	0.0250	1	10/18/24	10/20/24	
Toluene	ND	0.0250	1	10/18/24	10/20/24	
o-Xylene	ND	0.0250	1	10/18/24	10/20/24	
p,m-Xylene	ND	0.0500	1	10/18/24	10/20/24	
Total Xylenes	ND	0.0250	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		110 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		110 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2442149	
Diesel Range Organics (C10-C28)	1240	25.0	1	10/18/24	10/18/24	
Oil Range Organics (C28-C36)	374	50.0	1	10/18/24	10/18/24	
Surrogate: n-Nonane		82.9 %	50-200	10/18/24	10/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2442160	
Chloride	5750	100	5	10/18/24	10/18/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/23/2024 8:28:35AM
---	---	-----------------------------------

BH08-1'

E410183-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Benzene	ND	0.0250	1	10/18/24	10/20/24	
Ethylbenzene	ND	0.0250	1	10/18/24	10/20/24	
Toluene	ND	0.0250	1	10/18/24	10/20/24	
o-Xylene	ND	0.0250	1	10/18/24	10/20/24	
p,m-Xylene	ND	0.0500	1	10/18/24	10/20/24	
Total Xylenes	ND	0.0250	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene	119 %	70-130		10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		10/18/24	10/20/24	
Surrogate: Toluene-d8	112 %	70-130		10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene	119 %	70-130		10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		10/18/24	10/20/24	
Surrogate: Toluene-d8	112 %	70-130		10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2442149	
Diesel Range Organics (C10-C28)	530	25.0	1	10/18/24	10/18/24	
Oil Range Organics (C28-C36)	187	50.0	1	10/18/24	10/18/24	
Surrogate: n-Nonane	85.6 %	50-200		10/18/24	10/18/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2442160	
Chloride	2320	40.0	2	10/18/24	10/18/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/23/2024 8:28:35AM
---	---	-----------------------------------

BH08-3'

E410183-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2442154
Benzene	ND	0.0250	1	10/18/24	10/20/24	
Ethylbenzene	ND	0.0250	1	10/18/24	10/20/24	
Toluene	ND	0.0250	1	10/18/24	10/20/24	
o-Xylene	ND	0.0250	1	10/18/24	10/20/24	
p,m-Xylene	ND	0.0500	1	10/18/24	10/20/24	
Total Xylenes	ND	0.0250	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		111 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2442154
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		118 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		111 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2442149
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/24	10/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/24	10/19/24	
Surrogate: n-Nonane		77.3 %	50-200	10/18/24	10/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2442160
Chloride	ND	20.0	1	10/18/24	10/18/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/23/2024 8:28:35AM
---	---	-----------------------------------

BH09-0'

E410183-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Benzene	ND	0.0250	1	10/18/24	10/20/24	
Ethylbenzene	ND	0.0250	1	10/18/24	10/20/24	
Toluene	ND	0.0250	1	10/18/24	10/20/24	
o-Xylene	ND	0.0250	1	10/18/24	10/20/24	
p,m-Xylene	ND	0.0500	1	10/18/24	10/20/24	
Total Xylenes	ND	0.0250	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		110 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		110 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2442149	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/24	10/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/24	10/19/24	
Surrogate: n-Nonane		78.7 %	50-200	10/18/24	10/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2442160	
Chloride	2770	40.0	2	10/18/24	10/18/24	



Sample Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported: 10/23/2024 8:28:35AM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

BH09-1'

E410183-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Benzene	ND	0.0250	1	10/18/24	10/20/24	
Ethylbenzene	ND	0.0250	1	10/18/24	10/20/24	
Toluene	ND	0.0250	1	10/18/24	10/20/24	
o-Xylene	ND	0.0250	1	10/18/24	10/20/24	
p,m-Xylene	ND	0.0500	1	10/18/24	10/20/24	
Total Xylenes	ND	0.0250	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		112 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		112 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2442149	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/24	10/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/24	10/19/24	
Surrogate: n-Nonane		77.6 %	50-200	10/18/24	10/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2442160	
Chloride	1100	20.0	1	10/18/24	10/18/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/23/2024 8:28:35AM
---	---	-----------------------------------

BH09-3'

E410183-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Benzene	ND	0.0250	1	10/18/24	10/20/24	
Ethylbenzene	ND	0.0250	1	10/18/24	10/20/24	
Toluene	ND	0.0250	1	10/18/24	10/20/24	
o-Xylene	ND	0.0250	1	10/18/24	10/20/24	
p,m-Xylene	ND	0.0500	1	10/18/24	10/20/24	
Total Xylenes	ND	0.0250	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		112 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		112 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2442149	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/24	10/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/24	10/19/24	
Surrogate: n-Nonane		80.0 %	50-200	10/18/24	10/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2442160	
Chloride	ND	20.0	1	10/18/24	10/18/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/23/2024 8:28:35AM
---	---	-----------------------------------

BH10-0'

E410183-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Benzene	ND	0.0250	1	10/18/24	10/20/24	
Ethylbenzene	ND	0.0250	1	10/18/24	10/20/24	
Toluene	ND	0.0250	1	10/18/24	10/20/24	
o-Xylene	ND	0.0250	1	10/18/24	10/20/24	
p,m-Xylene	ND	0.0500	1	10/18/24	10/20/24	
Total Xylenes	ND	0.0250	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		113 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		113 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2442149	
Diesel Range Organics (C10-C28)	111	25.0	1	10/18/24	10/19/24	
Oil Range Organics (C28-C36)	63.5	50.0	1	10/18/24	10/19/24	
Surrogate: n-Nonane		79.4 %	50-200	10/18/24	10/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2442160	
Chloride	570	20.0	1	10/18/24	10/18/24	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/23/2024 8:28:35AM
---	---	-----------------------------------

BH10-2'

E410183-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Benzene	ND	0.0250	1	10/18/24	10/20/24	
Ethylbenzene	ND	0.0250	1	10/18/24	10/20/24	
Toluene	ND	0.0250	1	10/18/24	10/20/24	
o-Xylene	ND	0.0250	1	10/18/24	10/20/24	
p,m-Xylene	ND	0.0500	1	10/18/24	10/20/24	
Total Xylenes	ND	0.0250	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		112 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2442154	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/24	10/20/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/18/24	10/20/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	10/18/24	10/20/24	
Surrogate: Toluene-d8		112 %	70-130	10/18/24	10/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2442149	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/24	10/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/24	10/19/24	
Surrogate: n-Nonane		79.3 %	50-200	10/18/24	10/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2442160	
Chloride	ND	20.0	1	10/18/24	10/18/24	



Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/23/2024 8:28:35AM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2442154-BLK1)

Prepared: 10/18/24 Analyzed: 10/20/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.592		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.565		0.500		113	70-130			

LCS (2442154-BS1)

Prepared: 10/18/24 Analyzed: 10/20/24

Benzene	2.61	0.0250	2.50		104	70-130			
Ethylbenzene	2.65	0.0250	2.50		106	70-130			
Toluene	2.68	0.0250	2.50		107	70-130			
o-Xylene	2.82	0.0250	2.50		113	70-130			
p,m-Xylene	5.58	0.0500	5.00		112	70-130			
Total Xylenes	8.40	0.0250	7.50		112	70-130			
Surrogate: Bromofluorobenzene	0.600		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.550		0.500		110	70-130			

Matrix Spike (2442154-MS1)

Source: E410182-02

Prepared: 10/18/24 Analyzed: 10/20/24

Benzene	2.61	0.0250	2.50	ND	104	48-131			
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135			
Toluene	2.60	0.0250	2.50	ND	104	48-130			
o-Xylene	2.78	0.0250	2.50	ND	111	43-135			
p,m-Xylene	5.51	0.0500	5.00	ND	110	43-135			
Total Xylenes	8.29	0.0250	7.50	ND	110	43-135			
Surrogate: Bromofluorobenzene	0.602		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.547		0.500		109	70-130			

Matrix Spike Dup (2442154-MSD1)

Source: E410182-02

Prepared: 10/18/24 Analyzed: 10/20/24

Benzene	2.64	0.0250	2.50	ND	105	48-131	1.11	23	
Ethylbenzene	2.68	0.0250	2.50	ND	107	45-135	2.99	27	
Toluene	2.72	0.0250	2.50	ND	109	48-130	4.42	24	
o-Xylene	2.87	0.0250	2.50	ND	115	43-135	3.22	27	
p,m-Xylene	5.69	0.0500	5.00	ND	114	43-135	3.22	27	
Total Xylenes	8.56	0.0250	7.50	ND	114	43-135	3.22	27	
Surrogate: Bromofluorobenzene	0.604		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.552		0.500		110	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/23/2024 8:28:35AM

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 (2442154-BLK1) Prepared: 10/18/24 Analyzed: 10/20/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.592		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.565		0.500		113	70-130			

LCS (2442154-BS2) Prepared: 10/18/24 Analyzed: 10/20/24

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.3	70-130			
Surrogate: Bromofluorobenzene	0.589		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.572		0.500		114	70-130			

Matrix Spike (2442154-MS2) Source: E410182-02 Prepared: 10/18/24 Analyzed: 10/20/24

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130			
Surrogate: Bromofluorobenzene	0.609		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.456		0.500		91.2	70-130			
Surrogate: Toluene-d8	0.562		0.500		112	70-130			

Matrix Spike Dup (2442154-MSD2) Source: E410182-02 Prepared: 10/18/24 Analyzed: 10/20/24

Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	92.9	70-130	4.29	20	
Surrogate: Bromofluorobenzene	0.586		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.562		0.500		112	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/23/2024 8:28:35AM

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 (2442149-BLK1)					Prepared: 10/18/24 Analyzed: 10/18/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.0		50.0		96.0	50-200			

LCS (2442149-BS1)					Prepared: 10/18/24 Analyzed: 10/18/24				
Diesel Range Organics (C10-C28)	250	25.0	250		100	38-132			
Surrogate: n-Nonane	48.3		50.0		96.7	50-200			

Matrix Spike (2442149-MS1)					Source: E410183-11		Prepared: 10/18/24 Analyzed: 10/18/24		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.1	38-132			
Surrogate: n-Nonane	45.9		50.0		91.8	50-200			

Matrix Spike Dup (2442149-MSD1)					Source: E410183-11		Prepared: 10/18/24 Analyzed: 10/18/24		
Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.9	38-132	3.37	20	
Surrogate: n-Nonane	44.6		50.0		89.1	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/23/2024 8:28:35AM

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 (2442160-BLK1)					Prepared: 10/18/24 Analyzed: 10/18/24				
Chloride	ND	20.0							
LCS (2442160-BS1)					Prepared: 10/18/24 Analyzed: 10/18/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2442160-MS1)					Source: E410183-05		Prepared: 10/18/24 Analyzed: 10/18/24		
Chloride	2610	40.0	250	2320	115	80-120			
Matrix Spike Dup (2442160-MSD1)					Source: E410183-05		Prepared: 10/18/24 Analyzed: 10/18/24		
Chloride	2640	40.0	250	2320	128	80-120	1.21	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:	Paint 4-33 Fed Com 712H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/23/24 08:28

- 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.



Chain of Custody

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: Paint 4-33 Fed Com 712H					Address: 205 E Bender Road #150		E410183	01058-0007				X	X					
Project Manager: Ashley Giovengo					City, State, Zip: Hobbs NM, 88240													
Address: 3122 National Parks Hwy					Phone: (575)748-1838													
City, State, Zip: Carlsbad NM, 88220					Email: dale.woodall@dvn.com													
Phone: 575-988-0055					Miscellaneous: Dale Woodall													
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	
9:38	10/16/24	S	1	BH02 - 0'		1						X						
9:46				BH02 - 2'		2						X						
9:54				BH02 - 4'		3						X						
11:58				BH08 - 0'		4						X						
12:13				BH08 - 1'		5						X						
12:24				BH08 - 3'		6						X						
13:15				BH09 - 0'		7						X						
13:20				BH09 - 1'		8						X						
13:26				BH09 - 3'		9						X						
14:10				BH10 - 0'		10						X						
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, dale.woodall@dvn.com, iestrella@ensolum.com, bdeal@ensolum.com, 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: Cole Burton, Bowen 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 / <input type="radio"/> 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.																		



Chain of Custody

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: Paint 4-33 Fed Com 7127				Address: 205 E Bender Road #150				E 4/10/83		01058-0007					X	X												
Project Manager: Ashley Giovengo				City, State, Zip: Hobbs NM, 88240				Analysis and Method												EPA Program								
Address: 3122 National Parks Hwy				Phone: (575)748-1838																SDWA			CWA			RCRA		
City, State, Zip: Carlsbad NM, 88220				Email: dale.woodall@dv.com																Compliance			Y			or		
Phone: 575-988-0055				Miscellaneous: Dale Woodall				PWSID #																				
Email: agiovengo@ensolum.com																												
Sample Information																												
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	Remarks												
14:20	10/16/24	S	1	BH10-2'			11						X															
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, dale.woodall@dv.com, iestrella@ensolum.com, bdeal@ensolum.com, 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: Cole Burton, Bowen 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.																						
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																						
						Received on ice: Y / N																						
						T1 T2 T3																						
						AVG Temp °C 4																						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																												
Container type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																												
Note: Samples are discarded 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: 10/18/2024 9:03:55AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/18/24 08:00	Work Order ID:	E410183
Phone:	(505) 382-1211	Date Logged In:	10/17/24 14:55	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	10/24/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Paint 4-33 Fed Com 712H

Work Order: E502078

Job Number: 01058-0007

Received: 2/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/17/25

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: 2/17/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Paint 4-33 Fed Com 712H
Workorder: E502078
Date Received: 2/11/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/11/2025 7:30:00AM, under the Project Name: Paint 4-33 Fed Com 712H.

The analytical test results summarized in this report with the Project Name: Paint 4-33 Fed Com 712H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
FS11 @ 0.5'	6
FS17 @ 1'	7
FS18 @ 0.5'	8
FS24 @ 1'	9
FS25 @ 0.5'	10
FS30 @ 1'	11
FS31 @ 0.5'	12
FS32 @ 0.5'	13
FS37 @ 0.5'	14
FS38 @ 0.5'	15
FS39 @ 0.5'	16
FS44 @ 0.5'	17
FS45 @ 0.5'	18
FS51 @ 0.5'	19
FS56 @ 0.5'	20
FS57 @ 0.5'	21
FS61 @ 0.5'	22
FS19 @ 0.5'	23
FS20 @ 0.5'	24
FS26 @ 0.5'	25

Table of Contents (continued)

FS27 @ 0.5'	26
FS33 @ 0.5'	27
FS34 @ 0.5'	28
FS40 @ 0.5'	29
FS41 @ 0.5'	30
FS47 @ 0.5'	31
QC Summary Data	32
QC - Volatile Organic Compounds by EPA 8260B	32
QC - Volatile Organics by EPA 8021B	33
QC - Nonhalogenated Organics by EPA 8015D - GRO	34
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	36
QC - Anions by EPA 300.0/9056A	38
Definitions and Notes	40
Chain of Custody etc.	41

Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 02/17/25 10:24
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS11 @ 0.5'	E502078-01A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS17 @ 1'	E502078-02A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS18 @ 0.5'	E502078-03A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS24 @ 1'	E502078-04A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS25 @ 0.5'	E502078-05A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS30 @ 1'	E502078-06A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS31 @ 0.5'	E502078-07A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS32 @ 0.5'	E502078-08A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS37 @ 0.5'	E502078-09A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS38 @ 0.5'	E502078-10A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS39 @ 0.5'	E502078-11A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS44 @ 0.5'	E502078-12A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS45 @ 0.5'	E502078-13A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS51 @ 0.5'	E502078-14A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS56 @ 0.5'	E502078-15A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS57 @ 0.5'	E502078-16A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS61 @ 0.5'	E502078-17A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS19 @ 0.5'	E502078-18A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS20 @ 0.5'	E502078-19A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS26 @ 0.5'	E502078-20A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS27 @ 0.5'	E502078-21A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS33 @ 0.5'	E502078-22A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS34 @ 0.5'	E502078-23A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS40 @ 0.5'	E502078-24A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS41 @ 0.5'	E502078-25A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
FS47 @ 0.5'	E502078-26A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/17/2025 10:24:06AM
---	---	--

FS11 @ 0.5'

E502078-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	02/11/25	02/11/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.3 %	70-130	02/11/25	02/11/25	
<i>Surrogate: Toluene-d8</i>		96.9 %	70-130	02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	02/11/25	02/11/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.3 %	70-130	02/11/25	02/11/25	
<i>Surrogate: Toluene-d8</i>		96.9 %	70-130	02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	74.6	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
<i>Surrogate: n-Nonane</i>		99.0 %	61-141	02/11/25	02/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	196	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS17 @ 1'

E502078-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.3 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.1 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.3 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.1 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane	94.8 %	61-141		02/11/25	02/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	42.7	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS18 @ 0.5'

E502078-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.9 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.3 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.9 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.3 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/11/25	
Surrogate: n-Nonane	102 %	61-141		02/11/25	02/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	170	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS24 @ 1'

E502078-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	97.5 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.3 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	97.5 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.3 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	103 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	96.0	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS25 @ 0.5'

E502078-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.1 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	99.0 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.1 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	99.0 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	40.8	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	105 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	286	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS30 @ 1'

E502078-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	96.5 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	96.5 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	84.3	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	98.7 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	765	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS31 @ 0.5'

E502078-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.4 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.5 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.4 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.5 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	28.6	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	96.8 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	342	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS32 @ 0.5'

E502078-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.3 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.6 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.3 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.6 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	103 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	176	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS37 @ 0.5'

E502078-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.2 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.8 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.2 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.8 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	118	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	75.3	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	97.9 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	893	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS38 @ 0.5'

E502078-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	94.9 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.3 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	94.9 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.3 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	99.9 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	474	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS39 @ 0.5'

E502078-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.1 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.6 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.1 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.6 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	41.0	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	96.3 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	379	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS44 @ 0.5'

E502078-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.9 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.8 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.9 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.8 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	886	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	158	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	95.7 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	400	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS45 @ 0.5'

E502078-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.4 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.8 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.4 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.8 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	97.2 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	248	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS51 @ 0.5'

E502078-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	94.2 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	96.3 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	94.2 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	96.3 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	326	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	85.1	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	101 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	918	20.0	1	02/11/25	02/12/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/17/2025 10:24:06AM
---	---	-----------------------------------

FS56 @ 0.5'
E502078-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2507029	
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	97.8 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.3 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2507029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	97.8 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	98.3 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507037	
Diesel Range Organics (C10-C28)	1790	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	1380	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	96.3 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507036	
Chloride	4840	40.0	2	02/11/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS57 @ 0.5'

E502078-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	99.1 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	99.0 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	99.1 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	99.0 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	702	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	310	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	101 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	2060	40.0	2	02/11/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS61 @ 0.5'

E502078-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	97.5 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	99.7 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	97.5 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	99.7 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	293	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	65.9	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	103 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	652	20.0	1	02/11/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS19 @ 0.5'

E502078-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.3 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.1 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.3 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.1 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	25.1	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	104 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	94.6	20.0	1	02/11/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS20 @ 0.5'

E502078-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.4 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.2 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	95.4 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.2 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	100 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	352	20.0	1	02/11/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS26 @ 0.5'

E502078-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	ND	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.0 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.6 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	96.0 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8	97.6 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507037
Diesel Range Organics (C10-C28)	201	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	87.5	50.0	1	02/11/25	02/12/25	
Surrogate: n-Nonane	109 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507036
Chloride	1310	20.0	1	02/11/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS27 @ 0.5'

E502078-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.2 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	72.7 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2507056	
Diesel Range Organics (C10-C28)	166	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	88.9	50.0	1	02/12/25	02/12/25	
<i>Surrogate: n-Nonane</i>	129 %	61-141		02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2507035	
Chloride	995	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS33 @ 0.5'

E502078-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.2 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	73.0 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2507056	
Diesel Range Organics (C10-C28)	64.2	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	53.5	50.0	1	02/12/25	02/12/25	
<i>Surrogate: n-Nonane</i>	121 %	61-141		02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2507035	
Chloride	1550	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS34 @ 0.5'

E502078-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.9 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	72.7 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2507056	
Diesel Range Organics (C10-C28)	397	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	275	50.0	1	02/12/25	02/12/25	
<i>Surrogate: n-Nonane</i>	118 %	61-141		02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2507035	
Chloride	1160	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS40 @ 0.5'

E502078-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.5 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	72.2 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2507056	
Diesel Range Organics (C10-C28)	67.1	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
<i>Surrogate: n-Nonane</i>	133 %	61-141		02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2507035	
Chloride	946	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS41 @ 0.5'

E502078-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	73.2 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2507056	
Diesel Range Organics (C10-C28)	629	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	303	50.0	1	02/12/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
	123 %	61-141		02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507035	
Chloride	1890	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 10:24:06AM

FS47 @ 0.5'

E502078-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Benzene	ND	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/12/25	
Toluene	ND	0.0250	1	02/11/25	02/12/25	
o-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.4 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2507028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	72.9 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2507056	
Diesel Range Organics (C10-C28)	448	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	190	50.0	1	02/12/25	02/12/25	
<i>Surrogate: n-Nonane</i>	141 %	61-141		02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2507035	
Chloride	2720	20.0	1	02/11/25	02/11/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 10:24:06AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2507029-BLK1) Prepared: 02/11/25 Analyzed: 02/11/25

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: Bromofluorobenzene	0.475		0.500		94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

LCS (2507029-BS1) Prepared: 02/11/25 Analyzed: 02/11/25

Benzene	2.33	0.0250	2.50		93.0	70-130			
Ethylbenzene	2.35	0.0250	2.50		93.9	70-130			
Toluene	2.28	0.0250	2.50		91.1	70-130			
o-Xylene	2.27	0.0250	2.50		90.7	70-130			
p,m-Xylene	4.53	0.0500	5.00		90.5	70-130			
Total Xylenes	6.79	0.0250	7.50		90.6	70-130			
Surrogate: Bromofluorobenzene	0.481		0.500		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			

Matrix Spike (2507029-MS1) Source: E502078-04 Prepared: 02/11/25 Analyzed: 02/11/25

Benzene	2.43	0.0250	2.50	ND	97.3	48-131			
Ethylbenzene	2.45	0.0250	2.50	ND	98.1	45-135			
Toluene	2.38	0.0250	2.50	ND	95.3	48-130			
o-Xylene	2.37	0.0250	2.50	ND	94.7	43-135			
p,m-Xylene	4.73	0.0500	5.00	ND	94.7	43-135			
Total Xylenes	7.10	0.0250	7.50	ND	94.7	43-135			
Surrogate: Bromofluorobenzene	0.475		0.500		94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			

Matrix Spike Dup (2507029-MSD1) Source: E502078-04 Prepared: 02/11/25 Analyzed: 02/11/25

Benzene	2.48	0.0250	2.50	ND	99.0	48-131	1.75	23	
Ethylbenzene	2.52	0.0250	2.50	ND	101	45-135	2.60	27	
Toluene	2.44	0.0250	2.50	ND	97.5	48-130	2.28	24	
o-Xylene	2.42	0.0250	2.50	ND	96.8	43-135	2.23	27	
p,m-Xylene	4.85	0.0500	5.00	ND	96.9	43-135	2.32	27	
Total Xylenes	7.27	0.0250	7.50	ND	96.9	43-135	2.29	27	
Surrogate: Bromofluorobenzene	0.481		0.500		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 10:24:06AM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2507028-BLK1) Prepared: 02/11/25 Analyzed: 02/11/25

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	7.25		8.00		90.6	70-130			

LCS (2507028-BS1) Prepared: 02/11/25 Analyzed: 02/12/25

Benzene	5.27	0.0250	5.00		105	70-130			
Ethylbenzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.19	0.0250	5.00		104	70-130			
o-Xylene	5.08	0.0250	5.00		102	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.9	70-130			

Matrix Spike (2507028-MS1) Source: E502077-04 Prepared: 02/11/25 Analyzed: 02/12/25

Benzene	5.13	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.92	0.0250	5.00	ND	98.4	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	4.95	0.0250	5.00	ND	99.0	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	99.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

Matrix Spike Dup (2507028-MSD1) Source: E502077-04 Prepared: 02/11/25 Analyzed: 02/12/25

Benzene	4.94	0.0250	5.00	ND	98.9	54-133	3.77	20	
Ethylbenzene	4.75	0.0250	5.00	ND	94.9	61-133	3.58	20	
Toluene	4.87	0.0250	5.00	ND	97.3	61-130	3.61	20	
o-Xylene	4.79	0.0250	5.00	ND	95.7	63-131	3.35	20	
p,m-Xylene	9.67	0.0500	10.0	ND	96.7	63-131	3.48	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.4	63-131	3.43	20	
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 10:24:06AM

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 (2507028-BLK1) Prepared: 02/11/25 Analyzed: 02/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	5.69		8.00		71.1	70-130			

LCS (2507028-BS2) Prepared: 02/11/25 Analyzed: 02/11/25

Gasoline Range Organics (C6-C10)	43.5	20.0	50.0		87.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	5.85		8.00		73.1	70-130			

Matrix Spike (2507028-MS2) Source: E502077-04 Prepared: 02/11/25 Analyzed: 02/11/25

Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	5.83		8.00		72.9	70-130			

Matrix Spike Dup (2507028-MSD2) Source: E502077-04 Prepared: 02/11/25 Analyzed: 02/11/25

Gasoline Range Organics (C6-C10)	41.5	20.0	50.0	ND	83.0	70-130	0.547	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	5.79		8.00		72.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 10:24:06AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2507029-BLK1) Prepared: 02/11/25 Analyzed: 02/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.475		0.500		94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

LCS (2507029-BS2) Prepared: 02/11/25 Analyzed: 02/11/25

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130			
Surrogate: Bromofluorobenzene	0.469		0.500		93.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			

Matrix Spike (2507029-MS2) Source: E502078-04 Prepared: 02/11/25 Analyzed: 02/11/25

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			

Matrix Spike Dup (2507029-MSD2) Source: E502078-04 Prepared: 02/11/25 Analyzed: 02/11/25

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0	ND	103	70-130	1.49	20	
Surrogate: Bromofluorobenzene	0.482		0.500		96.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 10:24:06AM

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 (2507037-BLK1)					Prepared: 02/11/25 Analyzed: 02/11/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.8		50.0		104	61-141			

LCS (2507037-BS1)					Prepared: 02/11/25 Analyzed: 02/11/25				
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	66-144			
Surrogate: n-Nonane	49.0		50.0		98.0	61-141			

Matrix Spike (2507037-MS1)					Source: E502078-11		Prepared: 02/11/25 Analyzed: 02/11/25		
Diesel Range Organics (C10-C28)	297	25.0	250	41.0	102	56-156			
Surrogate: n-Nonane	49.2		50.0		98.4	61-141			

Matrix Spike Dup (2507037-MSD1)					Source: E502078-11		Prepared: 02/11/25 Analyzed: 02/11/25		
Diesel Range Organics (C10-C28)	282	25.0	250	41.0	96.6	56-156	4.93	20	
Surrogate: n-Nonane	48.9		50.0		97.8	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 10:24:06AM

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 (2507056-BLK1)					Prepared: 02/11/25 Analyzed: 02/11/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.0		50.0		110	61-141			

LCS (2507056-BS1)					Prepared: 02/11/25 Analyzed: 02/11/25				
Diesel Range Organics (C10-C28)	266	25.0	250		107	66-144			
Surrogate: n-Nonane	54.5		50.0		109	61-141			

Matrix Spike (2507056-MS1)					Source: E502084-04		Prepared: 02/11/25 Analyzed: 02/11/25		
Diesel Range Organics (C10-C28)	266	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	55.1		50.0		110	61-141			

Matrix Spike Dup (2507056-MSD1)					Source: E502084-04		Prepared: 02/11/25 Analyzed: 02/11/25		
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156	1.40	20	
Surrogate: n-Nonane	65.3		50.0		131	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 10:24:06AM

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 (2507035-BLK1)					Prepared: 02/11/25 Analyzed: 02/11/25				
Chloride	ND	20.0							
LCS (2507035-BS1)					Prepared: 02/11/25 Analyzed: 02/11/25				
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2507035-MS1)					Source: E502077-07		Prepared: 02/11/25 Analyzed: 02/11/25		
Chloride	3180	40.0	250	2680	202	80-120			M4
Matrix Spike Dup (2507035-MSD1)					Source: E502077-07		Prepared: 02/11/25 Analyzed: 02/11/25		
Chloride	3130	40.0	250	2680	179	80-120	1.84	20	M4



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 10:24:06AM

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 (2507036-BLK1)					Prepared: 02/11/25 Analyzed: 02/11/25				
Chloride	ND	20.0							
LCS (2507036-BS1)					Prepared: 02/11/25 Analyzed: 02/11/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2507036-MS1)					Source: E502078-08		Prepared: 02/11/25 Analyzed: 02/11/25		
Chloride	452	20.0	250	176	110	80-120			
Matrix Spike Dup (2507036-MSD1)					Source: E502078-08		Prepared: 02/11/25 Analyzed: 02/11/25		
Chloride	512	20.0	250	176	134	80-120	12.4	20	M2

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:	Paint 4-33 Fed Com 712H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/17/25 10:24

- M2 Matrix spike recovery was outside quality control 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.
- 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: Devon				Company: Devon Energy				Lab WO#		Job Number		1D		2D		3D		Std	
Project: Paint 4-33 Fed Com #712H				Address: 5315 Buena Vista Dr				E602078		01058-0007								X	
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														NM CO UT TX	
Address: 3122 National Parks Hwy				Phone: (575)689-7597														X	
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	
1059	2/7/2025	S	1	FS 11 @ 0.5'			1						X						
1058	2/7/2025	S	1	FS 17 @ 1'			2						X						
0955	2/7/2025	S	1	FS 18 @ 0.5'			3						X						
1056	2/7/2025	S	1	FS 24 @ 1'			4						X						
0957	2/7/2025	S	1	FS 25 @ 0.5'			5						X						
1050	2/7/2025	S	1	FS 30 @ 1'			6						X						
1052	2/7/2025	S	1	FS 31 @ 0.5'			7						X						
0959	2/7/2025	S	1	FS 32 @ 0.5'			8						X						
1045	2/7/2025	S	1	FS 37 @ 0.5'			9						X						
1032	2/7/2025	S	1	FS 38 @ 0.5'			10						X						
Additional Instructions: Please CC: cburton@ensolum.com, agiovento@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, jgonzalez@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: Higinio Gonzalez																			
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: ① / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4											
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

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Devon				Company: Devon Energy				Lab WO#				ID				NM							
Project: Paint 4-33 Fed Com #712H				Address: 5315 Buena Vista Dr				Job Number				2D				CO							
Project Manager: Ashley Giovenno				City, State, Zip: Carlsbad NM, 88220				E52078 01058-007				3D				UT							
Address: 3122 National Parks Hwy				Phone: (575)689-7597								Std				TX							
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dyn.com								X											
Phone: 575-988-0055				Miscellaneous: Jim Raley																			
Email: agiovenno@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						
1030	2/7/2025	S	1	FS 39 @ 0.5'		11						X											
1047	2/7/2025	S	1	FS 44 @ 0.5'		12						X											
1034	2/7/2025	S	1	FS 45 @ 0.5'		13						X											
1048	2/7/2025	S	1	FS 51 @ 0.5'		14						X											
1042	2/7/2025	S	1	FS 56 @ 0.5'		15						X											
1038	2/7/2025	S	1	FS 57 @ 0.5'		16						X											
1040	2/7/2025	S	1	FS 61 @ 0.5'		17						X											
1310	2/7/2025	S	1	FS 19 @ 0.5'		18						X											
1312	2/7/2025	S	1	FS 20 @ 0.5'		19						X											
1308	2/7/2025	S	1	FS 26 @ 0.5'		20						X											
Additional Instructions: Please CC: cburton@ensolum.com, agiovenno@ensolum.com, jim.raley@dyn.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, jgonzalez@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: Highio Gonzalez																							
Relinquished by: (Signature)				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.							
				Maurice Bonnell				2-10-25				0800				Received on ice: Y/N							
Relinquished by: (Signature)				Received by: (Signature)				Date				Time				Lab Use Only							
Maurice Bonnell				John Y.				2-10-25				1630				1745							
Relinquished by: (Signature)				Received by: (Signature)				Date				Time				T1							
John Y.				Justin Ma				2-10-25				2400				730							
Relinquished by: (Signature)				Received by: (Signature)				Date				Time				T2							
								2-11-25				730				T3							
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.																							
Container Type: G - glass, P - poly/plastic, AG - amber glass, V - VOA																							
AVG Temp °C 4																							

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D		2D		3D		Std	
Project: Paint 4-33 Fed Com #712H				Address: 5315 Buena Vista Dr				E502078		01058-0007								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	
1306	2/7/2025	S	1	FS27 @ 0.5'		21						X						
1303	2/7/2025	S	1	FS 33 @ 0.5'		22						X						
1305	2/7/2025	S	1	FS34 @ 0.5'		23						X						
1255	2/7/2025	S	1	FS40 @ 0.5'		24						X						
1240	2/7/2025	S	1	FS41 @ 0.5'		25						X						
1234	2/7/2025	S	1	FS47 @ 0.5'		26						X						

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, jgonzalez@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: Higinio Gonzalez

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 <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
	2-10-25	0800		2-10-25	0800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
	2-10-25	1630		2-10-25	1745	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
	2-10-25	2400		2-11-25	730	
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: 2/11/2025 9:29:44AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	02/11/25 07:30	Work Order ID:	E502078
Phone:	(505) 382-1211	Date Logged In:	02/10/25 16:06	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	02/17/25 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

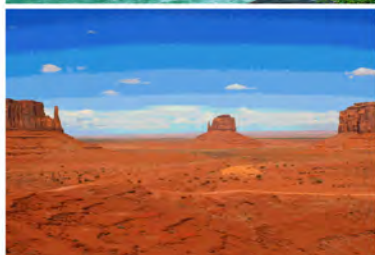
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Paint 4-33 Fed Com 712H

Work Order: E502087

Job Number: 01058-0007

Received: 2/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/13/25

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: 2/13/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Paint 4-33 Fed Com 712H
Workorder: E502087
Date Received: 2/12/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/12/2025 8:00:00AM, under the Project Name: Paint 4-33 Fed Com 712H.

The analytical test results summarized in this report with the Project Name: Paint 4-33 Fed Com 712H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW01- 0-1.5'	5
FS05-1'	6
FS06-1'	7
FS09-1.5'	8
FS14-1.5'	9
FS59-1.5'	10
QC Summary Data	11
QC - Volatile Organic Compounds by EPA8260B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported: 02/13/25 12:52
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01- 0-1.5'	E502087-01A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS05-1'	E502087-02A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS06-1'	E502087-03A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS09-1.5'	E502087-04A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS14-1.5'	E502087-05A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS59-1.5'	E502087-06A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/13/2025 12:52:20PM

SW01- 0-1.5'

E502087-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507061
Benzene	ND	0.0250	1	02/12/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/12/25	
Toluene	ND	0.0250	1	02/12/25	02/12/25	
o-Xylene	ND	0.0250	1	02/12/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/12/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/12/25	02/12/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	02/12/25	02/12/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507061
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/12/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	02/12/25	02/12/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	02/12/25	02/12/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2507064
Diesel Range Organics (C10-C28)	192	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	59.1	50.0	1	02/12/25	02/12/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507067
Chloride	657	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/13/2025 12:52:20PM

FS05-1'

E502087-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507061	
Benzene	ND	0.0250	1	02/12/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/12/25	
Toluene	ND	0.0250	1	02/12/25	02/12/25	
o-Xylene	0.776	0.0250	1	02/12/25	02/12/25	
p,m-Xylene	1.62	0.0500	1	02/12/25	02/12/25	
Total Xylenes	2.39	0.0250	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		121 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		113 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507061	
Gasoline Range Organics (C6-C10)	163	20.0	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		121 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		113 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2507064	
Diesel Range Organics (C10-C28)	3030	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	888	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		129 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2507067	
Chloride	247	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/13/2025 12:52:20PM

FS06-1'

E502087-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507061	
Benzene	ND	0.0250	1	02/12/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/12/25	
Toluene	ND	0.0250	1	02/12/25	02/12/25	
o-Xylene	0.153	0.0250	1	02/12/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/12/25	
Total Xylenes	0.153	0.0250	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		110 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		111 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507061	
Gasoline Range Organics (C6-C10)	83.5	20.0	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		110 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		111 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2507064	
Diesel Range Organics (C10-C28)	1410	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	440	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		127 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2507067	
Chloride	97.2	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/13/2025 12:52:20PM

FS09-1.5'

E502087-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507061
Benzene	ND	0.0250	1	02/12/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/12/25	
Toluene	ND	0.0250	1	02/12/25	02/12/25	
o-Xylene	ND	0.0250	1	02/12/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507061
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2507064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		112 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507067
Chloride	170	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/13/2025 12:52:20PM

FS14-1.5'

E502087-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507061
Benzene	ND	0.0250	1	02/12/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/12/25	
Toluene	ND	0.0250	1	02/12/25	02/12/25	
o-Xylene	ND	0.0250	1	02/12/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		108 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507061
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		108 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2507064
Diesel Range Organics (C10-C28)	934	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	344	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		122 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507067
Chloride	1850	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/13/2025 12:52:20PM

FS59-1.5'

E502087-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507061
Benzene	ND	0.0250	1	02/12/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/12/25	
Toluene	ND	0.0250	1	02/12/25	02/12/25	
o-Xylene	ND	0.0250	1	02/12/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507061
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2507064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		116 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507067
Chloride	ND	20.0	1	02/12/25	02/12/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 12:52:20PM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2507061-BLK1)

Prepared: 02/12/25 Analyzed: 02/12/25

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: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2507061-BS1)

Prepared: 02/12/25 Analyzed: 02/12/25

Benzene	2.09	0.0250	2.50		83.7	70-130			
Ethylbenzene	2.19	0.0250	2.50		87.6	70-130			
Toluene	2.29	0.0250	2.50		91.5	70-130			
o-Xylene	2.17	0.0250	2.50		86.8	70-130			
p,m-Xylene	4.52	0.0500	5.00		90.3	70-130			
Total Xylenes	6.69	0.0250	7.50		89.2	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

Matrix Spike (2507061-MS1)

Source: E502087-05

Prepared: 02/12/25 Analyzed: 02/12/25

Benzene	2.23	0.0250	2.50	ND	89.2	48-131			
Ethylbenzene	2.36	0.0250	2.50	ND	94.5	45-135			
Toluene	2.45	0.0250	2.50	ND	97.9	48-130			
o-Xylene	2.38	0.0250	2.50	ND	95.1	43-135			
p,m-Xylene	4.96	0.0500	5.00	ND	99.1	43-135			
Total Xylenes	7.34	0.0250	7.50	ND	97.8	43-135			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike Dup (2507061-MSD1)

Source: E502087-05

Prepared: 02/12/25 Analyzed: 02/12/25

Benzene	2.21	0.0250	2.50	ND	88.5	48-131	0.698	23	
Ethylbenzene	2.37	0.0250	2.50	ND	95.0	45-135	0.507	27	
Toluene	2.45	0.0250	2.50	ND	97.8	48-130	0.0409	24	
o-Xylene	2.41	0.0250	2.50	ND	96.5	43-135	1.42	27	
p,m-Xylene	4.99	0.0500	5.00	ND	99.7	43-135	0.603	27	
Total Xylenes	7.40	0.0250	7.50	ND	98.7	43-135	0.869	27	
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 12:52:20PM

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 (2507061-BLK1) Prepared: 02/12/25 Analyzed: 02/12/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2507061-BS2) Prepared: 02/12/25 Analyzed: 02/12/25

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

Matrix Spike (2507061-MS2) Source: E502087-05 Prepared: 02/12/25 Analyzed: 02/12/25

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike Dup (2507061-MSD2) Source: E502087-05 Prepared: 02/12/25 Analyzed: 02/12/25

Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130	2.76	20	
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 12:52:20PM

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 (2507064-BLK1)					Prepared: 02/12/25 Analyzed: 02/12/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.3		50.0		111	61-141			

LCS (2507064-BS1)					Prepared: 02/12/25 Analyzed: 02/12/25				
Diesel Range Organics (C10-C28)	278	25.0	250		111	66-144			
Surrogate: n-Nonane	55.3		50.0		111	61-141			

Matrix Spike (2507064-MS1)				Source: E502087-03		Prepared: 02/12/25 Analyzed: 02/12/25			
Diesel Range Organics (C10-C28)	2000	25.0	250	1410	238	56-156			M4
Surrogate: n-Nonane	61.2		50.0		122	61-141			

Matrix Spike Dup (2507064-MSD1)				Source: E502087-03		Prepared: 02/12/25 Analyzed: 02/12/25			
Diesel Range Organics (C10-C28)	1870	25.0	250	1410	185	56-156	6.85	20	M4
Surrogate: n-Nonane	60.5		50.0		121	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 12:52:20PM

Anions by EPA 300.0/9056A

Analyst: AK

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

Blank (2507067-BLK1)					Prepared: 02/12/25 Analyzed: 02/12/25				
Chloride	ND	20.0							
LCS (2507067-BS1)					Prepared: 02/12/25 Analyzed: 02/12/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2507067-MS1)					Source: E502087-03		Prepared: 02/12/25 Analyzed: 02/12/25		
Chloride	355	20.0	250	97.2	103	80-120			
Matrix Spike Dup (2507067-MSD1)					Source: E502087-03		Prepared: 02/12/25 Analyzed: 02/12/25		
Chloride	359	20.0	250	97.2	105	80-120	1.20	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:	Paint 4-33 Fed Com 712H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/13/25 12:52

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

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

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



envirotech

Envirotech Analytical Laboratory

Printed: 2/12/2025 8:18:30AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	02/12/25 08:00	Work Order ID:	E502087
Phone:	(505) 382-1211	Date Logged In:	02/11/25 14:54	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	02/12/25 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

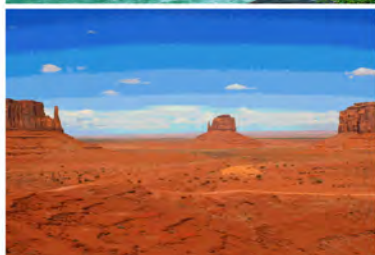
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Paint 4-33 Fed Com 712H

Work Order: E502092

Job Number: 01058-0007

Received: 2/12/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/18/25

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: 2/18/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Paint 4-33 Fed Com 712H
Workorder: E502092
Date Received: 2/12/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/12/2025 8:00:00AM, under the Project Name: Paint 4-33 Fed Com 712H.

The analytical test results summarized in this report with the Project Name: Paint 4-33 Fed Com 712H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
FS01-0.5'	6
FS02-0.5'	7
FS03-0.5'	8
FS04-0.5'	9
FS07-0.5'	10
FS08-0.5'	11
FS10-1'	12
FS13-0.5'	13
FS15-0.5'	14
FS16-1.5'	15
FS21-1'	16
FS22-0.5'	17
FS23-1.5'	18
FS28-0.5'	19
FS29-0.5'	20
FS35-0.5'	21
FS36-0.5'	22
FS42-0.5'	23
FS43-0.5'	24
FS48-1'	25

Table of Contents (continued)

FS49-1'	26
FS50-0.5'	27
FS54-1'	28
FS55-1'	29
FS60-1'	30
FS58-1'	31
FS53-1'	32
FS46-1'	33
FS12-1'	34
FS52-1'	35
QC Summary Data	36
QC - Volatile Organic Compounds by EPA8260B	36
QC - Nonhalogenated Organics by EPA 8015D - GRO	38
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	40
QC - Anions by EPA 300.0/9056A	42
Definitions and Notes	44
Chain of Custody etc.	45

Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 02/18/25 11:41
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-0.5'	E502092-01A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS02-0.5'	E502092-02A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS03-0.5'	E502092-03A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS04-0.5'	E502092-04A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS07-0.5'	E502092-05A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS08-0.5'	E502092-06A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS10-1'	E502092-07A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS13-0.5'	E502092-08A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS15-0.5'	E502092-09A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS16-1.5'	E502092-10A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS21-1'	E502092-11A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS22-0.5'	E502092-12A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS23-1.5'	E502092-13A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS28-0.5'	E502092-14A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS29-0.5'	E502092-15A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS35-0.5'	E502092-16A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS36-0.5'	E502092-17A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS42-0.5'	E502092-18A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS43-0.5'	E502092-19A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS48-1'	E502092-20A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS49-1'	E502092-21A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS50-0.5'	E502092-22A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS54-1'	E502092-23A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS55-1'	E502092-24A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS60-1'	E502092-25A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS58-1'	E502092-26A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS53-1'	E502092-27A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS46-1'	E502092-28A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS12-1'	E502092-29A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
FS52-1'	E502092-30A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS01-0.5'

E502092-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	02/12/25	02/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	02/12/25	02/13/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	02/12/25	02/13/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	02/12/25	02/13/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	48.0	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS02-0.5'

E502092-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	45.5	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		99.0 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	121	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS03-0.5'

E502092-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	37.9	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		104 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	31.2	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS04-0.5'

E502092-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	67.8	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		106 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	155	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS07-0.5'

E502092-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		107 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		107 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		115 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	150	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS08-0.5'

E502092-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	75.5	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		103 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	339	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS10-1'

E502092-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/12/25	
Toluene	ND	0.0250	1	02/12/25	02/12/25	
o-Xylene	ND	0.0250	1	02/12/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		106 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	02/12/25	02/12/25	
Surrogate: Toluene-d8		106 %	70-130	02/12/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	369	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	146	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		96.3 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	209	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS13-0.5'

E502092-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		106 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		105 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		106 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	486	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	221	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		106 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	568	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS15-0.5'

E502092-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507063	
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	0.0755	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	0.120	0.0500	1	02/12/25	02/13/25	
Total Xylenes	0.196	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	109 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	92.6 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	106 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507063	
Gasoline Range Organics (C6-C10)	22.3	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	109 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	92.6 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	106 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507065	
Diesel Range Organics (C10-C28)	1280	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	456	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane	104 %	61-141		02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2507072	
Chloride	4550	40.0	2	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS16-1.5'

E502092-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		107 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		107 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	590	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	291	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		103 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	939	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS21-1'

E502092-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	238	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	236	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		103 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	1980	40.0	2	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS22-0.5'

E502092-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		105 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	1210	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	540	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		103 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	3680	40.0	2	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS23-1.5'

E502092-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		104 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		104 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	509	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	234	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		102 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	877	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS28-0.5'

E502092-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		107 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		104 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		107 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		104 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	283	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	228	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		107 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	1310	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS29-0.5'

E502092-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	0.0250	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	0.0250	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		109 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		104 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		109 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		104 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	2930	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	1210	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		102 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	3160	40.0	2	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS35-0.5'

E502092-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	726	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	447	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		99.0 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	3450	40.0	2	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS36-0.5'

E502092-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	431	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	229	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		107 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	3030	40.0	2	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS42-0.5'

E502092-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		102 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		102 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	1510	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	899	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		102 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	2680	40.0	2	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS43-0.5'

E502092-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		107 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		107 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	1110	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	364	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		104 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	1390	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS48-1'

E502092-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507063
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		106 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		103 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507065
Diesel Range Organics (C10-C28)	57.6	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		107 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507072
Chloride	770	20.0	1	02/12/25	02/12/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS49-1'

E502092-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	99.5 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	89.5 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	97.9 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	99.5 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	89.5 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	97.9 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	160	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	189	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane	111 %	61-141		02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507071
Chloride	531	20.0	1	02/12/25	02/13/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS50-0.5'

E502092-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	98.4 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	90.7 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	100 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	98.4 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	90.7 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	100 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	706	25.0	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	373	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane	114 %	61-141		02/12/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507071
Chloride	2600	40.0	2	02/12/25	02/13/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS54-1'

E502092-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	99.5 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	87.3 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	102 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	99.5 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	87.3 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	102 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	53.6	25.0	1	02/12/25	02/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/13/25	
Surrogate: n-Nonane	113 %	61-141		02/12/25	02/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507071
Chloride	756	20.0	1	02/12/25	02/13/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS55-1'

E502092-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	98.5 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	89.0 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	101 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	98.5 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	89.0 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	101 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	375	25.0	1	02/12/25	02/13/25	
Oil Range Organics (C28-C36)	257	50.0	1	02/12/25	02/13/25	
Surrogate: n-Nonane	116 %	61-141		02/12/25	02/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507071
Chloride	1340	20.0	1	02/12/25	02/13/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS60-1'

E502092-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		99.8 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		99.8 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	448	25.0	1	02/12/25	02/13/25	
Oil Range Organics (C28-C36)	108	50.0	1	02/12/25	02/13/25	
Surrogate: n-Nonane		116 %	61-141	02/12/25	02/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507071
Chloride	1670	20.0	1	02/12/25	02/13/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS58-1'

E502092-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	99.7 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	88.3 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	99.6 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	99.7 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	88.3 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	99.6 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/25	02/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/13/25	
Surrogate: n-Nonane	114 %	61-141		02/12/25	02/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507071
Chloride	220	20.0	1	02/12/25	02/13/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS53-1'

E502092-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		88.2 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		101 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene		101 %	70-130	02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4		88.2 %	70-130	02/12/25	02/13/25	
Surrogate: Toluene-d8		101 %	70-130	02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	1380	25.0	1	02/12/25	02/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/13/25	
Surrogate: n-Nonane		114 %	61-141	02/12/25	02/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507071
Chloride	982	20.0	1	02/12/25	02/13/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS46-1'

E502092-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	98.9 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	87.0 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	99.5 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	98.9 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	87.0 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	99.5 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/25	02/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/13/25	
Surrogate: n-Nonane	121 %	61-141		02/12/25	02/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507071
Chloride	694	20.0	1	02/12/25	02/13/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS12-1'

E502092-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	99.0 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	87.1 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	99.9 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	99.0 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	87.1 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	99.9 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/25	02/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/13/25	
Surrogate: n-Nonane	111 %	61-141		02/12/25	02/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507071
Chloride	149	20.0	1	02/12/25	02/13/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/18/2025 11:41:16AM

FS52-1'

E502092-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Benzene	ND	0.0250	1	02/12/25	02/13/25	
Ethylbenzene	ND	0.0250	1	02/12/25	02/13/25	
Toluene	ND	0.0250	1	02/12/25	02/13/25	
o-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Total Xylenes	ND	0.0250	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	97.4 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	92.2 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	99.5 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2507068
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/13/25	
Surrogate: Bromofluorobenzene	97.4 %	70-130		02/12/25	02/13/25	
Surrogate: 1,2-Dichloroethane-d4	92.2 %	70-130		02/12/25	02/13/25	
Surrogate: Toluene-d8	99.5 %	70-130		02/12/25	02/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507066
Diesel Range Organics (C10-C28)	ND	25.0	1	02/12/25	02/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/12/25	02/13/25	
Surrogate: n-Nonane	113 %	61-141		02/12/25	02/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2507071
Chloride	495	20.0	1	02/12/25	02/13/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/18/2025 11:41:16AM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2507063-BLK1) Prepared: 02/12/25 Analyzed: 02/12/25

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: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2507063-BS1) Prepared: 02/12/25 Analyzed: 02/12/25

Benzene	2.21	0.0250	2.50		88.4	70-130			
Ethylbenzene	2.23	0.0250	2.50		89.1	70-130			
Toluene	2.36	0.0250	2.50		94.6	70-130			
o-Xylene	2.29	0.0250	2.50		91.6	70-130			
p,m-Xylene	4.76	0.0500	5.00		95.2	70-130			
Total Xylenes	7.05	0.0250	7.50		94.0	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

Matrix Spike (2507063-MS1) Source: E502092-07 Prepared: 02/12/25 Analyzed: 02/12/25

Benzene	2.32	0.0250	2.50	ND	92.9	48-131			
Ethylbenzene	2.31	0.0250	2.50	ND	92.4	45-135			
Toluene	2.44	0.0250	2.50	ND	97.6	48-130			
o-Xylene	2.38	0.0250	2.50	ND	95.1	43-135			
p,m-Xylene	4.93	0.0500	5.00	ND	98.6	43-135			
Total Xylenes	7.31	0.0250	7.50	ND	97.5	43-135			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		95.0	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

Matrix Spike Dup (2507063-MSD1) Source: E502092-07 Prepared: 02/12/25 Analyzed: 02/12/25

Benzene	2.36	0.0250	2.50	ND	94.4	48-131	1.64	23	
Ethylbenzene	2.35	0.0250	2.50	ND	94.0	45-135	1.67	27	
Toluene	2.48	0.0250	2.50	ND	99.1	48-130	1.50	24	
o-Xylene	2.46	0.0250	2.50	ND	98.5	43-135	3.45	27	
p,m-Xylene	5.11	0.0500	5.00	ND	102	43-135	3.45	27	
Total Xylenes	7.57	0.0250	7.50	ND	101	43-135	3.45	27	
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/18/2025 11:41:16AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2507068-BLK1)

Prepared: 02/12/25 Analyzed: 02/13/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.2	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

LCS (2507068-BS1)

Prepared: 02/12/25 Analyzed: 02/13/25

Benzene	2.22	0.0250	2.50		88.7	70-130			
Ethylbenzene	2.30	0.0250	2.50		92.0	70-130			
Toluene	2.23	0.0250	2.50		89.1	70-130			
o-Xylene	2.31	0.0250	2.50		92.5	70-130			
p,m-Xylene	4.60	0.0500	5.00		92.0	70-130			
Total Xylenes	6.91	0.0250	7.50		92.2	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.4	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			

Matrix Spike (2507068-MS1)

Source: E502092-30

Prepared: 02/12/25 Analyzed: 02/13/25

Benzene	2.17	0.0250	2.50	ND	86.9	48-131			
Ethylbenzene	2.19	0.0250	2.50	ND	87.7	45-135			
Toluene	2.13	0.0250	2.50	ND	85.2	48-130			
o-Xylene	2.15	0.0250	2.50	ND	86.2	43-135			
p,m-Xylene	4.32	0.0500	5.00	ND	86.5	43-135			
Total Xylenes	6.48	0.0250	7.50	ND	86.4	43-135			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.458		0.500		91.5	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			

Matrix Spike Dup (2507068-MSD1)

Source: E502092-30

Prepared: 02/12/25 Analyzed: 02/13/25

Benzene	2.18	0.0250	2.50	ND	87.0	48-131	0.184	23	
Ethylbenzene	2.20	0.0250	2.50	ND	88.0	45-135	0.342	27	
Toluene	2.15	0.0250	2.50	ND	85.9	48-130	0.795	24	
o-Xylene	2.20	0.0250	2.50	ND	88.0	43-135	2.16	27	
p,m-Xylene	4.41	0.0500	5.00	ND	88.2	43-135	1.94	27	
Total Xylenes	6.61	0.0250	7.50	ND	88.1	43-135	2.01	27	
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/18/2025 11:41:16AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2507063-BLK1)					Prepared: 02/12/25 Analyzed: 02/12/25				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2507063-BS2)					Prepared: 02/12/25 Analyzed: 02/12/25				
Gasoline Range Organics (C6-C10)	54.3	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

Matrix Spike (2507063-MS2)					Source: E502092-07	Prepared: 02/12/25 Analyzed: 02/12/25			
Gasoline Range Organics (C6-C10)	61.0	20.0	50.0	ND	122	70-130			
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

Matrix Spike Dup (2507063-MSD2)					Source: E502092-07	Prepared: 02/12/25 Analyzed: 02/13/25			
Gasoline Range Organics (C6-C10)	60.3	20.0	50.0	ND	121	70-130	1.07	20	
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/18/2025 11:41:16AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2507068-BLK1)

Prepared: 02/12/25 Analyzed: 02/13/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.2	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

LCS (2507068-BS2)

Prepared: 02/12/25 Analyzed: 02/13/25

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.3	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.5	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			

Matrix Spike (2507068-MS2)

Source: E502092-30

Prepared: 02/12/25 Analyzed: 02/13/25

Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.453		0.500		90.6	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

Matrix Spike Dup (2507068-MSD2)

Source: E502092-30

Prepared: 02/12/25 Analyzed: 02/13/25

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130	2.67	20	
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500		88.9	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/18/2025 11:41:16AM

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 (2507065-BLK1)					Prepared: 02/12/25 Analyzed: 02/12/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.6		50.0		97.2	61-141			

LCS (2507065-BS1)					Prepared: 02/12/25 Analyzed: 02/12/25				
Diesel Range Organics (C10-C28)	258	25.0	250		103	66-144			
Surrogate: n-Nonane	51.9		50.0		104	61-141			

Matrix Spike (2507065-MS1)					Source: E502092-10		Prepared: 02/12/25 Analyzed: 02/12/25		
Diesel Range Organics (C10-C28)	601	25.0	250	590	4.23	56-156			M4
Surrogate: n-Nonane	50.2		50.0		100	61-141			

Matrix Spike Dup (2507065-MSD1)					Source: E502092-10		Prepared: 02/12/25 Analyzed: 02/12/25		
Diesel Range Organics (C10-C28)	378	25.0	250	590	NR	56-156	45.5	20	M4
Surrogate: n-Nonane	47.9		50.0		95.7	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/18/2025 11:41:16AM

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 (2507066-BLK1)					Prepared: 02/12/25 Analyzed: 02/12/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.4		50.0		113	61-141			

LCS (2507066-BS1)					Prepared: 02/12/25 Analyzed: 02/12/25				
Diesel Range Organics (C10-C28)	249	25.0	250		99.7	66-144			
Surrogate: n-Nonane	53.4		50.0		107	61-141			

Matrix Spike (2507066-MS1)					Source: E502092-24		Prepared: 02/12/25 Analyzed: 02/12/25		
Diesel Range Organics (C10-C28)	664	25.0	250	375	115	56-156			
Surrogate: n-Nonane	55.7		50.0		111	61-141			

Matrix Spike Dup (2507066-MSD1)					Source: E502092-24		Prepared: 02/12/25 Analyzed: 02/13/25		
Diesel Range Organics (C10-C28)	2520	25.0	250	375	860	56-156	117	20	M4
Surrogate: n-Nonane	58.3		50.0		117	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/18/2025 11:41:16AM

Anions by EPA 300.0/9056A

Analyst: AK

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

Blank (2507071-BLK1)				Prepared: 02/12/25 Analyzed: 02/12/25					
Chloride	ND	20.0							
LCS (2507071-BS1)				Prepared: 02/12/25 Analyzed: 02/13/25					
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2507071-MS1)				Source: E502091-01		Prepared: 02/12/25 Analyzed: 02/13/25			
Chloride	1100	20.0	250	875	89.2	80-120			
Matrix Spike Dup (2507071-MSD1)				Source: E502091-01		Prepared: 02/12/25 Analyzed: 02/13/25			
Chloride	1130	20.0	250	875	102	80-120	2.79	20	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/18/2025 11:41:16AM

Anions by EPA 300.0/9056A

Analyst: AK

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

Blank (2507072-BLK1)					Prepared: 02/12/25 Analyzed: 02/12/25				
Chloride	ND	20.0							
LCS (2507072-BS1)					Prepared: 02/12/25 Analyzed: 02/12/25				
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2507072-MS1)					Source: E502092-02		Prepared: 02/12/25 Analyzed: 02/12/25		
Chloride	397	20.0	250	121	110	80-120			
Matrix Spike Dup (2507072-MSD1)					Source: E502092-02		Prepared: 02/12/25 Analyzed: 02/12/25		
Chloride	364	20.0	250	121	97.3	80-120	8.50	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:	Paint 4-33 Fed Com 712H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/18/25 11:41

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

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

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



Client Information					Invoice Information					Lab Use Only					TAT				State															
Client: Devon					Company: Devon Energy					Lab WO# E502092					Job Number 010580007				1D 2D 3D Std X				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>NM</td><td>CO</td><td>UT</td><td>TX</td> </tr> <tr> <td>X</td><td></td><td></td><td></td> </tr> </table>				NM	CO	UT	TX	X			
NM	CO	UT	TX																															
X																																		
Project: Paint 4-33 Fed Com #712H					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@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/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					
12:10	2/10/25	S	1	FS01 - 0.5'		1						X										
12:19				FS02 - 0.5'		2						X										
12:07				FS03 - 0.5'		3						X										
12:05				FS04 - 0.5'		4						X										
12:02				FS07 - 0.5'		5						X										
10:44				FS08 - 0.5'		6						X										
12:00				FS10 - 1'		7						X										
10:48				FS13 - 0.5'		8						X										
10:26				FS15 - 0.5'		9						X										
11:57				FS16 - 1.5'		10						X										

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, igonzalez@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: Higinio Gonzalez *Bowen Simmons*

Relinquished by: (Signature) <i>[Signature]</i>	Date 2-11-25	Time 0800	Received by: (Signature) <i>[Signature]</i>	Date 2-11-25	Time 0800
Relinquished by: (Signature) <i>[Signature]</i>	Date 2-11-25	Time 1700	Received by: (Signature) <i>[Signature]</i>	Date 2-11-25	Time 1715
Relinquished by: (Signature) <i>[Signature]</i>	Date 2-11-25	Time 2300	Received by: (Signature) <i>[Signature]</i>	Date 2-12-25	Time 800
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

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.

Received by OCD: 3/18/2025 1:44:12 PM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D		2D		3D		Std	
Project: Paint 4-33 Fed Com #712H				Address: 5315 Buena Vista Dr				E502092		01058-0007								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/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	
10:45	2/10/25	S	1	FS21 - 1'		11						X						
10:30				FS22 - 0.5'		12						X						
11:53				FS23 - 1.5'		13						X						
10:25				FS28 - 0.5'		14						X						
10:27				FS29 - 0.5'		15						X						
10:23				FS35 - 0.5'		16						X						
10:24				FS36 - 0.5'		17						X						
10:20				FS42 - 0.5'		18						X						
10:21				FS43 - 0.5'		19						X						
10:42				FS48 - 1'		20						X						

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, jgonzalez@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: Higinio Gonzalez Bowen 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: <u>(Y)</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	2-11-25	0800	<u>[Signature]</u>	2-11-25	0800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	2-11-25	1700	<u>[Signature]</u>	2-11-25	1715	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	2-11-25	2300	<u>[Signature]</u>	2-12-25	800	
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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D		2D		3D		Std	
Project: Paint 4-33 Fed Com #712H				Address: 5315 Buena Vista Dr				E02092		01058-0057								X	
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														NM CO UT TX	
Address: 3122 National Parks Hwy				Phone: (575)689-7597														X	
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dnv.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/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				
11:45	2/10/25	S	1	FS49 - 1'			21						X									
10:20				FS50 - 0.5'			22						X									
11:49				FS54 - 1'			23						X									
11:52				FS55 - 1'			24						X									
11:55				FS60 - 1'			25						X									
15:37				FS58 - 1'			26						X									
15:32				FS53 - 1'			27						X									
15:36				FS46 - 1'			28						X									
15:30				FS12 - 1'			29						X									
15:35				FS52 - 1'			30						X									

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, jgonzalez@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: Higinio Gonzalez *Higinio Gonzalez*

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<i>[Signature]</i>	2-11-25	0800	<i>Mojana Garmales</i>	2-11-25	0800
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<i>Mojana Garmales</i>	2-11-25	1700	<i>[Signature]</i>	2-11-25	1715
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<i>[Signature]</i>	2-11-25	2300	<i>Cathy Moore</i>	2-12-25	800
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: ☒ N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

Note: Samples are discarded 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: 2/12/2025 8:53:41AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	02/12/25 08:00	Work Order ID:	E502092
Phone:	(505) 382-1211	Date Logged In:	02/11/25 15:28	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	02/18/25 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

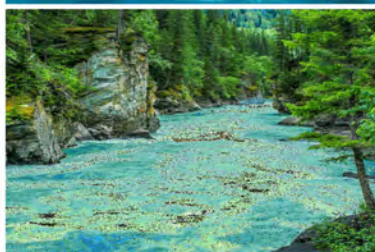
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Paint 4-33 Fed Com 712H

Work Order: E503030

Job Number: 01058-0007

Received: 3/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/10/25

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

Date Reported: 3/10/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Paint 4-33 Fed Com 712H
Workorder: E503030
Date Received: 3/5/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/5/2025 7:00:00AM, under the Project Name: Paint 4-33 Fed Com 712H.

The analytical test results summarized in this report with the Project Name: Paint 4-33 Fed Com 712H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS05-2'	5
FS06-2'	6
FS22-1'	7
FS29-1'	8
FS42-1'	9
FS43-1'	10
FS53-1.5'	11
FS56-1.5'	12
SW02- 0-2'	13
QC Summary Data	14
QC - Volatile Organics by EPA 8021B	14
QC - Nonhalogenated Organics by EPA 8015D - GRO	15
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	16
QC - Anions by EPA 300.0/9056A	17
Definitions and Notes	18
Chain of Custody etc.	19

Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Paint 4-33 Fed Com 712H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 03/10/25 14:42
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS05-2'	E503030-01A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS06-2'	E503030-02A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS22-1'	E503030-03A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS29-1'	E503030-04A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS42-1'	E503030-05A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS43-1'	E503030-06A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS53-1.5'	E503030-07A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS56-1.5'	E503030-08A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
SW02- 0-2'	E503030-09A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/10/2025 2:42:29PM

FS05-2'

E503030-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2510082	
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2510082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.2 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2510078	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/07/25	
<i>Surrogate: n-Nonane</i>		99.9 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2510085	
Chloride	117	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/10/2025 2:42:29PM

FS06-2'

E503030-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.9 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510078
Diesel Range Organics (C10-C28)	144	25.0	1	03/05/25	03/07/25	
Oil Range Organics (C28-C36)	74.2	50.0	1	03/05/25	03/07/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510085
Chloride	26.3	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/10/2025 2:42:29PM

FS22-1'

E503030-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.7 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510078
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/07/25	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510085
Chloride	1660	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/10/2025 2:42:29PM

FS29-1'

E503030-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.6 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510078
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/07/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510085
Chloride	67.9	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/10/2025 2:42:29PM

FS42-1'

E503030-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.8 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510078
Diesel Range Organics (C10-C28)	286	25.0	1	03/05/25	03/07/25	
Oil Range Organics (C28-C36)	366	50.0	1	03/05/25	03/07/25	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510085
Chloride	724	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/10/2025 2:42:29PM

FS43-1'

E503030-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510078
Diesel Range Organics (C10-C28)	90.1	25.0	1	03/05/25	03/07/25	
Oil Range Organics (C28-C36)	59.0	50.0	1	03/05/25	03/07/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510085
Chloride	1960	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/10/2025 2:42:29PM

FS53-1.5'

E503030-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2510082	
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2510082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2510078	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/07/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		03/05/25	03/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2510085	
Chloride	297	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/10/2025 2:42:29PM

FS56-1.5'

E503030-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510078
Diesel Range Organics (C10-C28)	254	25.0	1	03/05/25	03/07/25	
Oil Range Organics (C28-C36)	224	50.0	1	03/05/25	03/07/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		03/05/25	03/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510085
Chloride	1640	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Paint 4-33 Fed Com 712H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/10/2025 2:42:29PM

SW02- 0-2'

E503030-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510078
Diesel Range Organics (C10-C28)	485	25.0	1	03/05/25	03/07/25	
Oil Range Organics (C28-C36)	338	50.0	1	03/05/25	03/07/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		03/05/25	03/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510085
Chloride	3430	40.0	2	03/05/25	03/05/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 2:42:29PM

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 (2510082-BLK1)

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.73		8.00		109	70-130			

LCS (2510082-BS1)

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	5.06	0.0250	5.00		101	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.1	70-130			
Toluene	5.00	0.0250	5.00		99.9	70-130			
o-Xylene	4.92	0.0250	5.00		98.3	70-130			
p,m-Xylene	9.98	0.0500	10.0		99.8	70-130			
Total Xylenes	14.9	0.0250	15.0		99.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.75		8.00		109	70-130			

Matrix Spike (2510082-MS1)

Source: E503029-05

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	5.03	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.87	0.0250	5.00	ND	97.3	61-133			
Toluene	4.97	0.0250	5.00	ND	99.4	61-130			
o-Xylene	4.90	0.0250	5.00	ND	97.9	63-131			
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.75		8.00		109	70-130			

Matrix Spike Dup (2510082-MSD1)

Source: E503029-05

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	4.66	0.0250	5.00	ND	93.3	54-133	7.54	20	
Ethylbenzene	4.53	0.0250	5.00	ND	90.7	61-133	7.10	20	
Toluene	4.61	0.0250	5.00	ND	92.2	61-130	7.50	20	
o-Xylene	4.57	0.0250	5.00	ND	91.4	63-131	6.86	20	
p,m-Xylene	9.25	0.0500	10.0	ND	92.5	63-131	6.85	20	
Total Xylenes	13.8	0.0250	15.0	ND	92.1	63-131	6.85	20	
Surrogate: 4-Bromochlorobenzene-PID	8.78		8.00		110	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 2:42:29PM

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 (2510082-BLK1) Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			

LCS (2510082-BS2) Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	43.5	20.0	50.0		87.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			

Matrix Spike (2510082-MS2) Source: E503029-05 Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			

Matrix Spike Dup (2510082-MSD2) Source: E503029-05 Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0	ND	91.8	70-130	9.40	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 2:42:29PM

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 (2510078-BLK1)					Prepared: 03/05/25 Analyzed: 03/07/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.0		50.0		104	61-141			

LCS (2510078-BS1)					Prepared: 03/05/25 Analyzed: 03/07/25				
Diesel Range Organics (C10-C28)	242	25.0	250		96.8	66-144			
Surrogate: n-Nonane	51.3		50.0		103	61-141			

Matrix Spike (2510078-MS1)					Source: E503030-06		Prepared: 03/05/25 Analyzed: 03/07/25		
Diesel Range Organics (C10-C28)	345	25.0	250	90.1	102	56-156			
Surrogate: n-Nonane	52.5		50.0		105	61-141			

Matrix Spike Dup (2510078-MSD1)					Source: E503030-06		Prepared: 03/05/25 Analyzed: 03/07/25		
Diesel Range Organics (C10-C28)	336	25.0	250	90.1	98.2	56-156	2.63	20	
Surrogate: n-Nonane	50.7		50.0		101	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Paint 4-33 Fed Com 712H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/10/2025 2:42:29PM

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 (2510085-BLK1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Chloride	ND	20.0							
LCS (2510085-BS1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2510085-MS1)					Source: E503029-07		Prepared: 03/05/25 Analyzed: 03/05/25		
Chloride	1310	20.0	250	1120	76.4	80-120			M4
Matrix Spike Dup (2510085-MSD1)					Source: E503029-07		Prepared: 03/05/25 Analyzed: 03/05/25		
Chloride	1300	20.0	250	1120	71.3	80-120	0.968	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:	Paint 4-33 Fed Com 712H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/10/25 14:42

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

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

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



Released to Imaging: 3/24/2025 10:11:51 AM

Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State											
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D		2D		3D		Std		NM		CO		UT		TX	
Project: Paint 4-33 Fed Com #712H				Address: 5315 Buena Vista Dr				E503030		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@dmn.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	Compliance	Y	or	N	PWSID #	Remarks				
12:15	3/3/2025	S	1	FS05 - 2'		1						X															
10:07	3/3/2025	S	1	FS06 - 2'		2						X															
11:34	3/3/2025	S	1	FS22 - 1'		3						X															
11:25	3/3/2025	S	1	FS29 - 1'		4						X															
12:32	3/3/2025	S	1	FS42 - 1'		5						X															
11:48	3/3/2025	S	1	FS43 - 1'		6						X															
11:59	3/3/2025	S	1	FS53 - 1.5'		7						X															
12:23	3/3/2025	S	1	FS56 - 1.5'		8						X															
12:10	3/3/2025	S	1	SW02 - 0-2'		9						X															
Additional Instructions: Please CC: cburton@ensolum.com, agiovento@ensolum.com, jim.raley@dmn.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, jgonzalez@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: Higinio Gonzalez																											
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															
		3-4-25		0710				3-4-25		0710		Lab Use Only															
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received on ice: (Y) N															
		3-4-25		1745				3-4-25		1745		T1 T2 T3															
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C															
		3-4-25		2400				3-5-25		700		4															
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: 3/5/2025 9:42:34AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	03/05/25 07:00	Work Order ID:	E503030
Phone:	(505) 382-1211	Date Logged In:	03/04/25 15:16	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	03/11/25 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.



APPENDIX E

NMOCD Correspondence

From: [Hamlet, Robert, EMNRD](#)
To: [Raley, Jim](#)
Cc: [Ashley Giovengo](#); [Cole Burton](#); [Chad Hamilton](#); [Bratcher, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#)
Subject: (Final Extension) - Devon Energy - Paint 4-33 Fed Com #712H - nAPP2420452024
Date: Wednesday, December 18, 2024 3:29:19 PM
Attachments: [image003.png](#)

[**EXTERNAL EMAIL**]

RE: Incident #**NAPP2420452024**

Jim,

Your request for a 90-day extension to **March 18th, 2025** is approved. This will be the **final extension** for this release. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Wednesday, December 18, 2024 2:49 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Extension Request - Devon Energy - Paint 4-33 Fed Com #712H - nAPP2420452024

From: Raley, Jim <Jim.Raley@dvn.com>
Sent: Wednesday, December 18, 2024 2:05 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Ashley Giovengo <agiovengo@ensolum.com>; Cole Burton <cburton@ensolum.com>; Chad Hamilton <chamilton@ensolum.com>
Subject: [EXTERNAL] Extension Request - Devon Energy - Paint 4-33 Fed Com #712H - nAPP2420452024

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

NMOCD District II,

Devon Production Company, LP (Devon) is requesting an extension for the current deadline of January 14, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Paint 4 33 Federal Com #712H (Incident Number nAPP2420452024). The release occurred on July 22, 2024, and lateral and vertical delineation sampling to the strictest criteria per New Mexico Oil Conservation Division (NMOCD) has been completed at the Site. Excavation of the subject matter release is pending due to ongoing frac operations. In the interim, Devon intends to complete a soil boring for the purpose of establishing depth to water at the Site. Devon intends to submit a remediation work plan or closure report, immediately upon completing excavation of the subject matter release and upon receiving final laboratory analytical results from confirmation soil sampling activities. Devon respectfully requests a 90-day extension until April 14, 2025. Please let me know if you have any further questions regarding this site.

Jim Raley | Environmental Professional - Permian Basin
5315 Buena Vista Dr., Carlsbad, NM 88220
C: (575)689-7597 | jim.raley@devon.com



Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

From: [Hamlet, Robert, EMNRD](#)
To: [Ashley Giovengo](#)
Cc: [Chad Hamilton](#); [Woodall, Dale](#); [Cole Burton](#); [Bratcher, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#)
Subject: Extension Request - Paint 4-33 Fed Com 712H - Incident Number nAPP2420452024
Date: Wednesday, October 16, 2024 7:34:59 AM
Attachments: [image006.png](#)
[image007.png](#)
[image008.png](#)

[**EXTERNAL EMAIL**]

RE: Incident #**NAPP2420452024**

Ashley,

Your request for a 90 day extension to **January 14th, 2025** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

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



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, October 15, 2024 10:02 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Extension Request - Paint 4-33 Fed Com 712H - Incident Number nAPP2420452024

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Monday, October 14, 2024 1:31 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Woodall, Dale <Dale.Woodall@dvn.com>
Cc: Chad Hamilton <chamilton@ensolum.com>; Cole Burton <cburton@ensolum.com>
Subject: [EXTERNAL] Extension Request - Paint 4-33 Fed Com 712H - Incident Number nAPP2420452024

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

All,

Devon Energy Production Company, LP (Devon) is requesting an extension for the current deadline of October 21, 2024, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Paint 4-33 Fed Com 712H Site (Incident Number nAPP2420452024). The release occurred on July 22, 2024, and 6.6 barrels of crude oil were released onto the caliche pad. A workover rig was onsite and operating in the immediate vicinity of the subject matter release during the initial and subsequent Site assessment visits. Ensolum personnel returned to the Site on October 11, 2024, after the workover rig had completed operations, to complete vertical delineation sampling in accordance with the strictest Closure Criteria per NMOCD Table I. Devon 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. Devon respectfully requests a 90-day extension until January 17, 2025.

Thanks,



Ashley Giovengo

Senior Scientist

575-988-0055

Ensolum, LLC

in f X

"Your authenticity is your superpower." – Unknown

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 428333

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428333
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420452024
Incident Name	NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-51955] PAINT 4 33 FEDERAL COM #712H

Location of Release Source	
Site Name	PAINT 4 33 FEDERAL COM #712H
Date Release Discovered	07/22/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	11,823
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/07/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.152742, -103.6829227

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 428333

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428333
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 428336

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428336
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420452024
Incident Name	NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-51955] PAINT 4 33 FEDERAL COM #712H

Location of Release Source	
Site Name	PAINT 4 33 FEDERAL COM #712H
Date Release Discovered	07/22/2024
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	11,823
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/10/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.152742, -103.6829227

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 428336

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428336
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 428337

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428337
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420452024
Incident Name	NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-51955] PAINT 4 33 FEDERAL COM #712H

Location of Release Source	
Site Name	PAINT 4 33 FEDERAL COM #712H
Date Release Discovered	07/22/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	11,823
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/11/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.152742, -103.6829227

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 428337

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428337
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 428339

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428339
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420452024
Incident Name	NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-51955] PAINT 4 33 FEDERAL COM #712H

Location of Release Source	
Site Name	PAINT 4 33 FEDERAL COM #712H
Date Release Discovered	07/22/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	11,823
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/12/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.152742, -103.6829227

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 428339

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428339
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 428340

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428340
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420452024
Incident Name	NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-51955] PAINT 4 33 FEDERAL COM #712H

Location of Release Source	
Site Name	PAINT 4 33 FEDERAL COM #712H
Date Release Discovered	07/22/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	11,823
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/13/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.152742, -103.6829227

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 428340

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428340
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 428343

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428343
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420452024
Incident Name	NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-51955] PAINT 4 33 FEDERAL COM #712H

Location of Release Source	
Site Name	PAINT 4 33 FEDERAL COM #712H
Date Release Discovered	07/22/2024
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	11,823
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/14/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.152742, -103.6829227

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 428343

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 428343
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 435758

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435758
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420452024
Incident Name	NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-51955] PAINT 4 33 FEDERAL COM #712H

Location of Release Source	
Site Name	PAINT 4 33 FEDERAL COM #712H
Date Release Discovered	07/22/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	9,906
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/03/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Jimmy Gonzalez @ 575-909-3249
Please provide any information necessary for navigation to sampling site	32.152742, -103.6829227

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 435758

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435758
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/26/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 435764

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435764
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420452024
Incident Name	NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-51955] PAINT 4 33 FEDERAL COM #712H

Location of Release Source	
Site Name	PAINT 4 33 FEDERAL COM #712H
Date Release Discovered	07/22/2024
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	9,906
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/04/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Jimmy Gonzalez @ 575-909-3249
Please provide any information necessary for navigation to sampling site	32.152742, -103.6829227

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 435764

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435764
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/26/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 407840

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 407840
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420452024
Incident Name	NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-51955] PAINT 4 33 FEDERAL COM #712H

Location of Release Source	
Site Name	PAINT 4 33 FEDERAL COM #712H
Date Release Discovered	07/22/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	11,823
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/05/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	N/A
Please provide any information necessary for navigation to sampling site	32.152742, -103.6829227

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 443520

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443520
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420452024
Incident Name	NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-025-51955] PAINT 4 33 FEDERAL COM #712H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PAINT 4 33 FEDERAL COM #712H
Date Release Discovered	07/22/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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: Equipment Failure Coupling Crude Oil Released: 7 BBL Recovered: 0 BBL Lost: 7 BBL.
Produced Water Released (bbls) Details	Not answered.
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)	Well flowback iron failed at connection. Shut in well to stop the leak. 6.6 bbls oil released onto pad. recovered volumes are not available at this time

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 443520

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443520
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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	recovered volumes are not available as of this notice

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@dvsn.com Date: 03/18/2025
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 443520

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443520
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
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)	Greater than 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 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	5980
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	25918
GRO+DRO (EPA SW-846 Method 8015M)	17548
BTEX (EPA SW-846 Method 8021B or 8260B)	2.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	02/06/2025
On what date will (or did) the final sampling or liner inspection occur	03/03/2025
On what date will (or was) the remediation complete(d)	03/03/2025
What is the estimated surface area (in square feet) that will be reclaimed	5400
What is the estimated volume (in cubic yards) that will be reclaimed	100
What is the estimated surface area (in square feet) that will be remediated	11823
What is the estimated volume (in cubic yards) that will be remediated	363
<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>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 443520

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443520
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	OWL LANDFILL JAL [JEG1635837366]
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: 03/18/2025
<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>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 443520

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443520
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 443520

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443520
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	435764
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/04/2025
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	9906

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
--	----

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 443520

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443520
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/depth to water determination. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The release area will need confirmation floor/sidewall samples representing no more than 200 ft2. Please make sure that the edge of the release extent is accurately defined, especially around equipment. The work will need to occur in 90 days after the report has been reviewed.	3/24/2025