## E NSOLUM

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

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groundwater greater than 105 feet bgs and a total depth of 105 feet bgs. There are no regional or Sitespecific 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<sup>®</sup> chloride QuanTab<sup>®</sup> 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 chainof-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

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on the west side of the wellheads. To direct excavation activities, Ensolum personnel screened soil for chloride utilizing chloride QuanTab<sup>®</sup> test strips and for TPH utilizing a PetroFLAG<sup>®</sup> 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 NMOCD 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 of 1-foot to 4 feet bgs. Confirmation sample areas (FS01 though 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.

Paint 4-33 Fed Com #712H

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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 2Soil 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**

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

<u>Page 6 of 27</u>5



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



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## TABLES



				Pain Devon En	TABLE 1         LE ANALYTICA         t 4-33 Fed Com 7         ergy Production         County, New Me	712H Company				
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
				Delin	eation Soil San	nples	·			
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.

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GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

	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				
		t		Delin	neation Soil San	nples								
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				

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GRO: Gasoline Range Organics DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

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		
				Excava	tion Floor Soil S	amples	·					
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		

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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		
				Excavat	ion Floor Soil \$	Samples	1					
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		

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NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000		
				Excavat	ion Floor Soil S	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.

### Released to Imaging: 3/24/2025 10:11:51 AM

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														
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000				
		·		Excavat	tion Floor Soil S	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

				Pain Devon En	TABLE 3         PLE ANALYTICA         at 4-33 Fed Com 7         bergy Production         County, New Me	712H Company					
Sample DesignationDepth (feet bgs)Benzene (mg/kg)Total BTEX (mg/kg)TPH GRO (mg/kg)TPH DRO (mg/kg)GRO+DRO 											
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000	
				Sid	ewall Soil Sam	oles					
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



### APPENDIX A

Well Log and Record



### WELL RECORD & LOG office of the state engineer

www.ose.state.nm.us

	I							1				
z	OSE POD NO. POD1	(WELL NO	).)		WELL TAG ID NO N/A	l.		OSE FILE NO( C-04924	S).			
TIO	WELL OWNER	NAME(S)	)					PHONE (OPTI	ONAL)			
GENERAL AND WELL LOCATION			company, LP					575-6889-7				
TTT	WELL OWNER							CITY		STATE		ZIP
WE	5315 Buena	vista D	r					Carlsbad		NM	88220	
AND	WELL		DE	EGREES 32	minutes 09	SECC	9.1					
TAL.	LOCATION	LIA	TITUDE				N		' REQUIRED: ONE TEN QUIRED: WGS 84	ΓΗ OF A S	ECOND	
NEF	(FROM GPS	LO	NGITUDE	103	40		3.9 W		-			
. GE			NG WELL LOCATION TO			N LANDN	MARKS – PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVA	ILABLE	
1	Unit N, Sec	tion 04,	Township 25S, Ran	ge 32E, Lea	a County, NM							
	LICENSE NO.	0.0	NAME OF LICENSED		X 1 0 1	1			NAME OF WELL DR			
	WD11				John Scarboroug					-	h Drilling Inc	
	DRILLING ST. 1/8/20		DRILLING ENDED 1/8/2024	DEPTH OF C	OMPLETED WELL (F 105	T)		LE DEPTH (FT) 105	DEPTH WATER FIRS	ST ENCOU N/A	· · ·	
	1/0/20		1/0/2021		105			100	STATIC WATER LEV			II (FT)
Z	COMPLETED	WELL IS:	ARTESIAN	✓ DRY HO	DLE 🗌 SHALLO	OW (UNC	ONFINED)			N/A		EE (11)
DRILLING & CASING INFORMATION	DRILLING FL	UID:	✓ AIR	MUD	ADDITIV	VES – SPI	ECIFY:		1			
RM	DRILLING METHOD: 🔽 ROTARY 🗌 HAMMER 🗌 CABLE TOOL 🗌 OTHER – SPECIFY:											
NFO	DEPTH (1	feet bgl)	BORE HOLE	CASING	G MATERIAL ANI	D/OR			CASING	CASE	NG WALL	CI OT
I DN	Def In (lect ogt)BORE HOLECHOING INTERINE IND) ORCASINGCASINGCAFROMTODIAM (inches)(include each casing string, andCONNECTION TYPEINSIDE DIAM.T										CKNESS	SLOT SIZE
ISE			(inches)		e sections of screen			TYPE ling diameter)	(inches)	(i	nches)	(inches)
80	0	105	5.00		Soil Boiring							
<b>DNI</b>												
RILI												
2. DI												
	DEPTH (1	feet bgl)	BORE HOLE	L	.IST ANNULAR S	EAL M	ATERIAL A	AND	AMOUNT		METHO	D OF
IAL	FROM	ТО	DIAM. (inches)	GR	AVEL PACK SIZE	RANG	E BY INTE	ERVAL	(cubic feet)		PLACEN	1ENT
ANNULAR MATERIAL						N/A						
MA												
AR												
INN												
3.												
FOR	ORE DITER:		I	1				WD 2	A WELL DECORD	- LOC (	V	0/10)
FOR	<u>. OSE INTERN</u> E NO.	NAL USE			POD NO	D.		WR-2	<u>0 WELL RECORD a</u> NO.	x lug (	version $04/3$	0/19)
	ATION							WELL TAG I			PAGE	1 OF 2
											1	

	DEPTH (1 FROM	feet bgl) TO	THICKNESS (feet)	INCLUDE WATI	ID TYPE OF MATERIAL ENCOUN ER-BEARING CAVITIES OR FRAC pplemental sheets to fully describe :	CTURE ZONES		WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	8	8	Claycy Sand, D	Dark Red to Red, Coarse to Very Fine	with Gravel		Y VN	
	8	15	7		aliche, White to Grey, Coarse to Fine			Y √N	
	15	47	32		th Silt, Light Brown to Red, Coarse t			Y √N	
	47	50	3		, Light Brown to Red, Coarse to Fine			Y √N	
	50	60	10	Clayey Sand, Med	dium Brown to Red, Coarse to Very F	Fine with Gravel		Y √N	
T	60	62	2		h Silt, Light Brown to White, Coarse			Y √N	
4. HYDROGEOLOGIC LOG OF WELL	62	68	6	Clayey Sand, Med	lium Brown to Red, Coarse to Very F	Fine with Gravel		Y √N	
OF	68	69	1	C	aliche, White to Grey, Coarse to Fine			Y √N	
00	69	70	1		h Silt, Light Brown to White, Coarse			Y √N	
ICI	70	73	3		lium Brown to Red, Coarse to Very F			Y √N	
DOJ	73	78	5		lium Brown to Red, Coarse to Very F			Y √N	
EO	78	79	1		lstone, White to Yellow, Coarse to Fi			Y √N	
ROC	79	80	1		lium Brown to Red, Coarse to Very F			Y √N	
GXE	80	85	5		lstone, White to Yellow, Coarse to Fi			Y √N	
4.1	85	87	2		Sand with Silt, Red, Coarse to Fine		_	Y √N	
	87	90	3		Istone, White to Yellow, Coarse to Fi	ine		Y √N	
	90	91	1		lium Brown to Red, Coarse to Very F	and the second		Y √N	
	91	93	2		lstone, White to Yellow, Coarse to Fi			Y √N	
	93	100	7		nd with Silt, Red, Coarse to Very Fin			Y √N	
	100	105	5		Istone, White to Yellow, Coarse to Fi			Y VN	
					intend, mille to renow, could to r			Y N	
	METHOD U	SED TO ES	L TIMATE YIELD	OF WATER-BEARIN	G STRATA:	1	TOT	AL ESTIMATEI	
	PUMI		_		THER – SPECIFY:			L YIELD (gpm	
				BAILER	THER - SPECIFY:				
VOISIV	WELL TES	T TEST	RESULTS - ATT I TIME, END TI	ACH A COPY OF DAT ME, AND A TABLE SI	FA COLLECTED DURING WELL T HOWING DISCHARGE AND DRA	FESTING, INCI WDOWN OVE	LUDII R THI	NG DISCHARG E TESTING PER	E METHOD, LIOD.
TEST; RIG SUPERVI	MISCELLAI	NEOUS INF	ORMATION: Te be	emporary well materia low ground surface (	al removed and soil boring backf bgs), then hydrated bentonite chi	illed using dril ps 10 ft bgs to	ll cutt grou	ings from total nd surface.	depth to 10 ft
TSE	PRINT NAM	E(S) OF DE	ALL RIG SUPER	VISOR(S) THAT PRO	VIDED ONSITE SUPERVISION O	EWELL CONS	TPI	TION OTHER	THAN LICENSEE
5. 7	Scott Scarbo					I WELL CONS	intot	TION OTHER	IHAN LICENSEE.
6. SIGNATURE	RECORD OF	THE ABO	VE DESCRIBED	WELL. I ALSO CERT	F MY KNOWLEDGE AND BELL IFY THAT THE WELL TAG, IF RI HOLDER WITHIN 30 DAYS AFTER SCARDON NAME	FOLIERED HAS	REF	N INSTALLED	AND THAT THIS ILLING. 2 - 2025
FOR	OSE INTERI	NAL USE				WP 20 HTT	I BE		Vanion 04/00/2010
	E NO.				POD NO.	TRN NO.	L KEC	UKD & LUG (	Version 04/30/2019)
					J				



**APPENDIX B** 

Lithologic Soil Sampling Logs

ENSOLUM       Site Name: Paint 4-33 Fed Com 712H         Incident Number: nAPP2420452024         Incident Number: nAPP242045204         Incident Number: nAPP242045204         Incident Number: nAPP242045204         Incident Number: nAPP242045204         Incident Number: Namper Number: Number: Namper Numer: Namper Number: NamPI Number: Namper Numer: Namper Number: Nam								Sample Name: BH01	Date: 10/11/24
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.         and				C					
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.       Method: Hand Auger         and transformed with 1:4 dilution factor of soil to distilled water. No correction factors included.       Depth (ft bgs)       Dry, No Stain, Caliche, Non Plastic, Non Pliable         202       1       1       1       SP-SM       Dry, No Stain, Poorly graded red sand with silt, Non Plastic, Non Pliable           249       2       2       2       2       2       2       2       2           3       3       3       3       Dry, No Stain, Poorly graded red sand with silt, Non Plastic, Non Pliable				3					
Coordinates: 32.152779, -103.683049       Total Depth: 3'         Condinates: 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.         and the performed with 1:4 dilution factor of soil to distilled water. No correction factors included.       Lithologic Descriptions         and the performed with 1:4 dilution factor of soil to distilled water. No correction factors included.       Depth (ft bgs)       Depth (ft bgs)<								Job Number: 03A1987135	
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.         and test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.       Depth       Depth </td <td></td> <td>LITHOL</td> <td>OGI</td> <td></td> <td>SAMPLING</td> <td>G LOG</td> <td></td> <td>Logged By: Bowan Simmons</td> <td>Method: Hand Auger</td>		LITHOL	OGI		SAMPLING	G LOG		Logged By: Bowan Simmons	Method: Hand Auger
performed with 1:4 dilution factor of soil to distilled water. No correction factors included.         and triangle of the second seco	Coordinates: 3	2.152779	, -103	.683049				Hole Diameter: 4"	Total Depth: 3'
D       1014       N       BH01       0       I       0       CCHE       Dry, No Stain, Caliche, Non Plastic, Non Plable         202       1       1       1       SP-SM       Dry, No Stain, Poorly graded red sand with silt, Non Plastic, Non Pliable         <168									spectively. Chloride test
202     1     1     SP-SM     Dry, No Stain, Poorly graded red sand with silt, Non Plastic, Non Pliable       <168	Moisture Content Chloride (ppm)	ТРН	Staining	Sample ID	Depth	-	USCS/Rock Symbol	Lithologic De	scriptions
<168	D 1014		N	BH01	0	0	CCHE	Dry, No Stain, Caliche, No	on Plastic, Non Pliable
	202				1		SP-SM		
	<168	249			2	2			
	~160	40			2	2			
	8017	40			3	_	l Depth	- 3'	

							Sample Name: BH02	Date: 10/11/24
		NI	C	ΟΙ		R A	Site Name: Paint 4-33 Fed Com 7	712H
			2				Incident Number: nAPP2420452	024
							Job Number: 03A1987135	
	LITHOL	OGIO	C / SOIL S	SAMPLING	i LOG		Logged By: Bowan Simmons	Method: Hand Auger
Coordinates: 32	2.152755	, -103	.682975				Hole Diameter: 4"	Total Depth: 3'
							PetroFlag for chloride and TPH, re factors included.	espectively. Chloride test
Moisture Content Chloride (ppm)	HdT	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic De	escriptions
D		N	BH02	0	0	CCHE	Dry, No Stain, Caliche, N	Ion Plastic, Non Pliable
459				1	1	SP-SM	Dry, No Stain, Poorly gra Non Plastic, I	
274	124			2	2			
235	146			3	3			
<168	35			4	4			
					Tota	l Depth	- 4'	

					Sample Name: BH03	Date: 10/11/24
		C	OLU	R A	Site Name: Paint 4-33 Fed Com 71	2H
		2			Incident Number: nAPP242045202	24
					Job Number: 03A1987135	
LIT	HOLOGIC	/ SOIL SA	AMPLING LOG		Logged By: Bowan Simmons	Method: Hand Auger
Coordinates: 32.15	52677, -103.	682990			Hole Diameter: 4"	Total Depth: 3'
			th HACH Chloride Test S to distilled water. No co		PetroFlag for chloride and TPH, res factors included.	pectively. Chloride test
Moisture Content Chloride (ppm)	TPH Staining	nple	Sample Depth (ft bgs)	USCS/Rock Symbol	Lithologic Des	scriptions
D	N	BH03		CCHE	Dry, No Stain, Caliche, No	n Plastic, Non Pliable
<168 1	.18			SP-SM	Dry, No Stain, Poorly grad Non Plastic, N	
<168 3	31		2			
<168			3 <u>-</u> 3 -			
<168			4 4			
				l Depth	- 4'	
			Tota		- 4	

ENSOLUM       Site Name: Paint 4-33 Fed Com 712H         Indext Number: AAPP2420452024         Indext Number: AAPP242045204         Indext Number: AAPP2420452									Sample Name: BH04	Date: 10/11/24			
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.         Multiple of the 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.         Multiple of the 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.         Multiple of the 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.         Difficult       The beta mathematical screening conducted with fights       Depth (ft bgs)					C								
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.         an tigo of or or of soil to distilled water. No correction factors included.       Lithologic Descriptions         an tigo of or or of soil to distilled water. No correction factors included.       Lithologic Descriptions         an tigo of or or of soil to distilled water. No correction factors included.       Lithologic Descriptions         an tigo of or or of soil to distilled water. No correction factors included.       Lithologic Descriptions         an tigo of or or of soil to distilled water. No correction factors included.       Lithologic Descriptions         an tigo of or or of soil to distilled water. No correction factors included.       Lithologic Descriptions         begin of or or of soil to distilled water. No correction factors included.       Lithologic Descriptions         begin of or of soil to distilled water. No correction factors included.       Lithologic Descriptions         class at the tig of or or of soil to distilled water. No correction factors included.       Lithologic Descriptions         class at tig of or					3		Incident Number: nAPP2420452024						
Coordinates: 32.152779, -103.683117       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.         until strip       until strip <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td colspan="3"></td></t<>													
Coordinates: 32.152779, -103.683117       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.         until strip       until strip <t< td=""><td></td><td></td><td>LITHOL</td><td>OGI</td><td></td><td>SAMPLING</td><td></td><td>Method: Hand Auger</td></t<>			LITHOL	OGI		SAMPLING		Method: Hand Auger					
performed with 1:4 dilution factor of soil to distilled water. No correction factors included.         and to be the problem of t	Coord				-								
D       N       BH04       O       O       CCHE       Dry, No Stain, Caliche, Non Plastic, Non Pliable         <168		Comments: Field screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test											
<168	Moisture Content	Chloride (ppm)	ТРН	Staining	Sample ID	Depth	-	USCS/Rock Symbol	Lithologic D	escriptions			
<168	D			N	BH04	0	0	CCHE	Dry, No Stain, Caliche, N	Ion Plastic, Non Pliable			
<168 3 3 4 4 4		<168	53			1	1	SP-SM					
<168 4 4		<168	34			2	2						
		<168				3	3						
		<168				<u>л</u>							
		100				4		l Depth	- 4'				

					Sample Name: BH05	Date: 10/11/24					
		C		Site Name: Paint 4-33 Fed Com 712H							
		3	OLU	Incident Number: nAPP2420452024							
				Job Number: 03A1987135							
LI	THOLOGI	C / SOIL S	AMPLING LOG	Logged By: Bowan Simmons	Method: Hand Auger						
Coordinates: 32.1	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	Lithologic De	escriptions							
D	Ν	BH05	0 <u>II</u> 0 -	CCHE	Dry, No Stain, Caliche, N	Ion Plastic, Non Pliable					
<168	65			SP-SM	Dry, No Stain, Poorly gra Non Plastic, I						
<168	39		2 <u>+</u> 2								
<168			3 4 3								
<168											
				al Depth	- 4'						
<168											

Endemt 4:33 Fed Com 7122H         Incident Number: ADP2420452024         Incident Number: ADP34204         Incident ADP2420452024         Incident ADP2420452024         Incident ADP2420452024         Incident ADP2420452024         Incident ADP2420452024         Incident ADP34204         Incident ADP34204         Incident AD									Sample Name: BH06	Date: 10/11/24			
Internet for the rest of the rest o					C								
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.         an tigo of the screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test         an tigo of the screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test         an tigo of the screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test         an tigo of the screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test         an tigo of the screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test         an tigo of the screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test         an tigo of the screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test         an tigo of the screening conducted with HACH Chloride Test Strips and PetroFlag for chloride test         beta tigo of the screening conducted with test         test tigo of the screening conducted with test         test t					3		Incident Number: nAPP2420452024						
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.         and the performed with 1:4 dilution factor of soil to distilled water. No correction factors included.       Depth (ft bgs)       Depth (ft bgs)<													
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.         until performed with 1:4 dilution factor of soil to distilled water. No correction factors included.       Depth (ft bgs)			LITHOL	.OGI	C / SOIL S	SAMPLING	Logged By: Bowan Simmons	Method: Hand Auger					
performed with 1:4 dilution factor of soil to distilled water. No correction factors included.         and to be an any of the top of top	Coord	linates: 32	2.152619	, -103	.682980		Hole Diameter: 4"	Total Depth: 3'					
D       N       BH06       O       I       O       CCHE       Dry, No Stain, Caliche, Non Plastic, Non Plable         <168		Comments: Field screening conducted with HACH Chloride Test Strips and PetroFlag for chloride and TPH, respectively. Chloride test											
<168	Moisture Content	Chloride (ppm)	HdT	Staining	Sample ID	Depth (ft bgs)	Lithologic D	escriptions					
<168	D			Ν	BH06	0	0	CCHE	Dry, No Stain, Caliche, N	Non Plastic, Non Pliable			
<pre>&lt;168</pre> < 168 < 168 < 4 4		<168	35			1		SP-SM					
<168 4 4		<168	27			2	2						
		<168				3	3						
		<168				4							
		100						l Depth	- 4'				

							Sample Name: BH07	Date: 10/11/24			
			C		Site Name: Paint 4-33 Fed Com 712H						
			3	0	Incident Number: nAPP2420452024						
					Job Number: 03A1987135						
	LITHOL	.OGI	C / SOIL S	SAMPLING	Logged By: Bowan Simmons	Method: Hand Auger					
Coordinates: 3	2.152827	, -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)	НД	Staining	Sample ID	Sample Depth (ft bgs)	Lithologic De	escriptions					
D		N	BH07	0	0	CCHE	Dry, No Stain, Caliche, N	on Plastic, Non Pliable			
<168	63			1	1	SP-SM	Dry, No Stain, Poorly gra Non Plastic, N				
168	38			2	2						
168				3	3						
<168				4	4						
					Tota	al Depth	- 4'				
Total Depth - 4'											



APPENDIX C

Photographic Log


























# APPENDIX D

# Laboratory Analytical Reports & Chain-of-Custody Documentation





5796 U.S. Hwy 64 Farmington, NM 87401

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





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# **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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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# 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**

#### Page 46 of 275

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



	Si	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 0103	t 4-33 Fed Con 58-0007 ley Giovengo		<b>Reported:</b> 9/17/2024 10:36:29AM	
		SS01 - 0'				
		E409079-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	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	
p-Xylene	ND	0.0250	1	09/11/24	09/12/24	
o,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	Ana	lyst: 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	Ana	lyst: NV		Batch: 2437050
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/24	09/13/24	
Dil 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	Ana	lyst: JM		Batch: 2437057
Chloride	367	20.0	1	09/11/24	09/11/24	





	5	ample D	ala			
6488 7 Rivers Hwy	Project Name Project Numb Project Manag	oer: 0103	t 4-33 Fed Com ′ 58-0007 ley Giovengo	712H		<b>Reported:</b> 9/17/2024 10:36:29AM
		SS02 - 0'				
		E409079-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	g 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		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	09/11/24	09/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		77.4 %	50-200	09/11/24	09/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2437057
Chloride	231	20.0	1	09/11/24	09/11/24	



	<b>D</b>	ampic D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manaş	oer: 010	it 4-33 Fed Com 7 58-0007 ley Giovengo	<b>Reported:</b> 9/17/2024 10:36:29AM		
		SS03 - 0'				
		E409079-03				
		Reporting				
Analyte	Result	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	
thylbenzene	ND	0.0250	1	09/11/24	09/12/24	
oluene	ND	0.0250	1	09/11/24	09/12/24	
-Xylene	ND	0.0250	1	09/11/24	09/12/24	
o,m-Xylene	ND	0.0500	1	09/11/24	09/12/24	
Total Xylenes	ND	0.0250	1	09/11/24	09/12/24	
urrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	09/11/24	09/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: CG			Batch: 2437052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/11/24	09/12/24	
urrogate: 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	Analys	t: NV		Batch: 2437050
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/24	09/13/24	
Dil Range Organics (C28-C36)	ND	50.0	1	09/11/24	09/13/24	
urrogate: n-Nonane		78.1 %	50-200	09/11/24	09/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2437057
Chloride	218	20.0	1	09/11/24	09/11/24	



	<b>D</b>	ampic D	aia				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name:Paint 4-33 Fed Com 712HProject Number:01058-0007Project Manager:Ashley Giovengo			12H		<b>Reported:</b> 9/17/2024 10:36:29AM	
		SS04 - 0'					
		E409079-04					
		Reporting					
Analyte	Result	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		
p-Xylene	ND	0.0250	1	09/11/24	09/12/24		
o,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	Analys	t: 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	Analys	t: JM		Batch: 2437057	
Chloride	129	20.0	1	09/11/24	09/11/24		



# **QC Summary Data**

Result mg/kg	Reporting Limit	Spike	by EPA 802	21 <b>B</b>				
	Ĺimit	-	â					Analyst: CG
mg/kg	- /1	Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	9/11/24 Aı	nalyzed: 09/12/24
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0500							
ND	0.0250							
6.99		8.00		87.3	70-130			
						Prepared: 0	9/11/24 Aı	nalyzed: 09/12/24
5.35	0.0250	5.00		107	70-130	-		
5.13	0.0250	5.00		103	70-130			
5.25	0.0250	5.00		105	70-130			
5.11	0.0250	5.00		102	70-130			
10.4	0.0500	10.0		104	70-130			
15.5	0.0250	15.0		103	70-130			
7.05		8.00		88.1	70-130			
			Source:	E409079-(	)1	Prepared: 0	9/11/24 Aı	nalyzed: 09/12/24
5.03	0.0250	5.00	ND	101	54-133			
4.80	0.0250	5.00	ND	96.0	61-133			
4.93	0.0250	5.00	ND	98.6	61-130			
4.77	0.0250	5.00	ND	95.4	63-131			
9.74	0.0500	10.0	ND	97.4	63-131			
14.5	0.0250	15.0	ND	96.7	63-131			
7.10		8.00		88.8	70-130			
			Source:	E409079-(	)1	Prepared: 0	9/11/24 Aı	nalyzed: 09/12/24
5.12	0.0250	5.00	ND	102	54-133	1.65	20	
4.86	0.0250	5.00	ND	97.2	61-133	1.16	20	
4.99	0.0250	5.00	ND	99.8	61-130	1.20	20	
4.84	0.0250	5.00	ND	96.8	63-131	1.52	20	
9.86	0.0500	10.0	ND	98.6	63-131	1.19	20	
14.7	0.0250	15.0	ND	98.0	63-131	1.30	20	
	ND ND ND 6.99 5.35 5.13 5.25 5.11 10.4 15.5 7.05 5.03 4.80 4.93 4.77 9.74 14.5 7.10 5.12 4.86 4.99 4.84 9.86	ND         0.0250           ND         0.0500           ND         0.0250           6.99	ND         0.0250           ND         0.0500           ND         0.0250           6.99         8.00           5.35         0.0250           5.35         0.0250           5.13         0.0250           5.13         0.0250           5.00         5.13           0.0250         5.00           5.11         0.0250           10.4         0.0500           10.5         0.0250           7.05         8.00           5.03         0.0250           5.00         4.80           0.0250         5.00           4.80         0.0250           9.74         0.0500           10.0         14.5           0.0250         5.00           4.86         0.0250           5.00         4.86           9.0250         5.00           4.84         0.0250           9.99         0.0250           5.00         4.84           0.0250         5.00           4.84         0.0250           9.86         0.0500           10.0         14.7	ND         0.0250           ND         0.0500           ND         0.0250           6.99         8.00           5.35         0.0250           5.35         0.0250           5.13         0.0250           5.13         0.0250           5.11         0.0250           5.00         5.00           5.11         0.0250           10.4         0.0500           10.4         0.0500           7.05         8.00           Source:           5.03         0.0250           5.00         ND           4.80         0.0250           5.00         ND           4.93         0.0250           5.00         ND           4.77         0.0250         5.00           9.74         0.0500         10.0           9.74         0.0250         15.0           7.10         8.00           5.12         0.0250         5.00           4.86         0.0250         5.00           4.86         0.0250         5.00           4.86         0.0250         5.00           4.86         <	ND         0.0250           ND         0.0500           ND         0.0250           6.99         8.00         87.3           5.35         0.0250         5.00         107           5.13         0.0250         5.00         103           5.25         0.0250         5.00         102           10.4         0.0500         10.0         104           15.5         0.0250         5.00         103           7.05         8.00         88.1         88.1           Source: E409079-0           5.03         0.0250         5.00         ND         96.0           4.93         0.0250         5.00         ND         95.4           9.74         0.0500         10.0         ND         97.4           14.5         0.0250         5.00         ND         96.7           7.10         8.00         88.8         88.8           Source: E409079-0           5.12         0.0250         5.00         ND         96.7           7.10         8.00         88.8         97.4           14.5         0.0250         5.00         ND         97.4	ND         0.0250           ND         0.0500           ND         0.0250           6.99         8.00         87.3         70-130           5.35         0.0250         5.00         107         70-130           5.13         0.0250         5.00         103         70-130           5.13         0.0250         5.00         103         70-130           5.11         0.0250         5.00         102         70-130           5.11         0.0250         5.00         102         70-130           7.05         8.00         88.1         70-130           7.05         8.00         88.1         70-130           7.05         5.00         ND         101         54-133           4.80         0.0250         5.00         ND         96.0         61-130           4.77         0.0250         5.00         ND         95.4         63-131           9.74         0.0500         10.0         ND         97.4         63-131           9.74         0.0250         5.00         ND         96.7         63-131           9.74         0.0250         5.00         ND         96.7         <	ND         0.0250           ND         0.0500           ND         0.0250           6.99         8.00         87.3         70-130           5.35         0.0250         5.00         107         70-130           5.13         0.0250         5.00         103         70-130           5.25         0.0250         5.00         102         70-130           5.11         0.0250         5.00         102         70-130           5.11         0.0250         5.00         102         70-130           5.11         0.0250         5.00         102         70-130           7.05         8.00         88.1         70-130           7.05         8.00         88.1         70-130           7.05         8.00         88.1         70-130           7.05         8.00         ND         96.0         61-133           4.93         0.0250         5.00         ND         96.7         63-131           9.74         0.0500         10.0         ND         97.4         63-131           9.74         0.0500         10.0         ND         96.7         63-131           7.10	ND         0.0250           ND         0.0250           6.99         8.00         87.3         70-130           5.35         0.0250         5.00         107         70-130           5.13         0.0250         5.00         103         70-130           5.25         0.0250         5.00         103         70-130           5.11         0.0250         5.00         102         70-130           5.11         0.0250         5.00         102         70-130           15.5         0.0250         15.0         103         70-130           7.05         8.00         88.1         70-130           7.05         8.00         88.1         70-130           7.05         8.00         88.1         70-130           7.05         8.00         ND         96.0         61-133           4.80         0.0250         5.00         ND         96.1         51.31           9.74         0.0500         10.0         ND         97.4         63-131           9.74         0.0500         ND         96.7         63-131           9.74         0.0250         5.00         ND         96.7



# **QC Summary Data**

		QU D	umm	aly Data	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	C	Paint 4-33 Fed 0 )1058-0007 Ashley Gioveng					<b>Reported:</b> 9/17/2024 10:36:29AM
	No	nhalogenated (	Organics	s by EPA 801	15D - GI	RO			Analyst: CG
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2437052-BLK1)							Prepared: 0	9/11/24 /	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: 0	9/11/24 <i>A</i>	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: 0	9/11/24 <i>A</i>	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: 0	9/11/24 <i>A</i>	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**

		QC SI	umm	ary Data					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(	Paint 4-33 Fed Co 01058-0007 Ashley Giovengo		[			<b>Reported:</b> 9/17/2024 10:36:29AM
	Nonh	alogenated Orga	anics by	y 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: 0	9/11/24 A	analyzed: 09/13/24
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	50.1		50.0		100	50-200			
LCS (2437050-BS1)							Prepared: 0	9/11/24 A	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: E	409079-	01	Prepared: 0	9/11/24 A	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: E	409079-	01	Prepared: 0	9/11/24 A	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**

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	5		01058-0007					<b>Reported:</b> 9/17/2024 10:36:29AM
	Anions	by EPA	300.0/9056A	1				Analyst: JM
Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
						Prepared: 0	9/11/24 A	nalyzed: 09/11/24
ND	20.0					Prepared: 0	9/11/24 A	nalyzed: 09/11/24
252	20.0	250		101	90-110			
			Source:	E409076-0	03	Prepared: 0	9/11/24 A	nalyzed: 09/11/24
6090	100	250	5980	43.5	80-120			M4
			Source:	E409076-(	03	Prepared: 0	9/11/24 A	nalyzed: 09/11/24
6870	100	250	5980	356	80-120	12.1	20	M4
	mg/kg ND 252 6090	Project Name:       Project Number:       Project Manager       Anions       Result       mg/kg       ND       252       20.0       6090       100	Project Name:       Project Number:       Project Manager:       Anions by EPA       Result     Reporting       mg/kg     mg/kg       ND     20.0       252     20.0       6090     100       250	Project Name:     Paint 4-33 Fed C       Project Number:     01058-0007       Project Manager:     Ashley Gioveng         Anions by EPA 300.0/9056A         Result     Spike     Source       Result     mg/kg     mg/kg         ND     20.0         252     20.0     250         Source:     Source:       6090     100     250   Source:	Project Name:       Paint 4-33 Fed Com 712H         Project Number:       01058-0007         Project Manager:       Ashley Giovengo         Anions by EPA 300.0/9056A         Result       Reporting       Spike       Source         MD       20.0       250       101         Source: E409076-6         6090       100       250       5980       43.5         Source: E409076-6	Project Name: Project Number: Project Manager:Paint 4-33 Fed Com 712H O1058-0007 Ashley GiovengoAnions by EPA 300.0/9056AAnions by EPA 300.0/9056AResult mg/kgSpike Mg/kgSource Mg/kgRec Kesult Kesult Kesult RecND20.025010190-11025220.025010190-110Source:E409076-036090100250598043.580-120Source:E409076-03Source:E409076-03Source:E409076-03	Project Name: Project Number: Project Manager:Paint 4-33 Fed Com 712H 91058-0007 Ashley GiovengoAnions by EPA 300.0/9056AAnions by EPA 300.0/9056AResult mg/kgReporting Mg/kgSpike Mg/kgSource Mg/kgRec %ND20.020.0Prepared: 0ND20.010190-11025220.025010190-110Source:E409076-03Prepared: 06090100250598043.580-120Source:E409076-03Prepared: 06090100250598043.580-120	Project Name: Project Number: Project Manager:Paint 4-33 Fed Com 712H O1058-0007 Project Manager:Paint 4-33 Fed Com 712H Ashley GiovengoAnions by EPA 300.0/9056AAnions by EPA 300.0/9056ARec Result Result Result Regorting Regord mg/kgRep Mg/kgRPD Limit Mg/kgRPD Kesult Kesult Rec Rec Kesult Kesult Kesult Kesult Kesult Kesult Mg/kgRec Kesult 

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.



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

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.



<b>Chain of Custody</b>	World	C
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Order: 23177669

	Clier	nt Inform	nation			Inv	oice Information	6. J.			La	ab Us	se On	ly			TAT		State	
lient: D			-			ompany: De			Li	Lab WO# Job Number							D 2D 3		NM CO UT TX	
	Paint 4-33				Address: 205 E Bender Road #150 City, State, Zip: Hobbs NM, 88240					E409079 01058.0007 × × ×									X	
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	75-988-005						Dale Woodall			pro/oro by 8015						TCEQ 1005 - TX RCRA 8 Metals				
mail: a	giovengo@ei	nsolum.c	om								15								Compliance Y or N	
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Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	er loud	GRO/DRO by 8015	BTEX by 8021	VOC by	Chloride 300.0	BGDOC - NM	TCEQ 1	RCRA		Nemarks		
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	ples are discard	led 14 days	after result	ts are reported			are made. Hazardou liability of the labora									client	expense. Th	he report f	for the analysis of the above	

#### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

Client:	Devon Energy - Carlsbad Da	te Received:	09/11/24 0	5:00		Work Order ID:	E409079
Phone:	(505) 382-1211 Da	te Logged In:	09/10/24 1	5:52		Logged In By:	Noe Soto
Email:		ie Date:	09/17/24 1	7:00 (4 day TAT)			
<u>Chain o</u>	f Custody (COC)						
1. Does	the sample ID match the COC?		Yes				
2. Does	the number of samples per sampling site location match	the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Co	ourier		
4. Was th	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes				
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes	_		<u>Commen</u>	ts/Resolution
Sample	<u>Turn Around Time (TAT)</u>						
6. Did th	ne 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 th	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
11. If ye	s, were custody/security seals intact?		NA				
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample tem	nperature: <u>4°</u>	<u>C</u>				
Sample	<u>Container</u>						
14. Are	aqueous VOC samples present?		No				
15. Are	VOC samples collected in VOA Vials?		NA				
16. Is th	e head space less than 6-8 mm (pea sized or less)?		NA				
17. Was	a trip blank (TB) included for VOC analyses?		NA				
18. Are	non-VOC samples collected in the correct containers?		Yes				
19. Is the	e appropriate volume/weight or number of sample containers	collected?	Yes				
Field La	<u>ibel</u>						
	e field sample labels filled out with the minimum inform	ation:					
	Sample ID?		Yes				
	Date/Time Collected? Collectors name?		Yes	-			
	Preservation_		No				
		rved?	No				
<u>Sample</u>	s the COC or field labels indicate the samples were prese		NA				
<u>Sample</u> 21. Does	s the COC or field labels indicate the samples were prese sample(s) correctly preserved?		11/74				
Sample 21. Does 22. Are	sample(s) correctly preserved?	ls?	No				
Sample 21. Does 22. Are 24. Is lal	sample(s) correctly preserved? b filteration required and/or requested for dissolved meta	ls?					
Sample 21. Does 22. Are 24. Is lat Multiph	sample(s) correctly preserved? b filteration required and/or requested for dissolved meta nase Sample Matrix_	ls?	No				
Sample 21. Does 22. Are 24. Is lal Multiph 26. Does	sample(s) correctly preserved? b filteration required and/or requested for dissolved meta nase Sample Matrix s the sample have more than one phase, i.e., multiphase?		No No				
Sample 21. Does 22. Are 24. Is lal Multiph 26. Does 27. If ye	sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <b>ase Sample Matrix</b> s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed		No				
Sample 21. Does 22. Are = 24. Is lal Multiph 26. Does 27. If ye Subcont	sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <b>hase Sample Matrix</b> is the sample have more than one phase, i.e., multiphase? is, does the COC specify which phase(s) is to be analyzed tract Laboratory.		No No NA				
Sample           21. Does           22. Are :           24. Is lal           Multiph           26. Does           27. If ye           Subcont           28. Are :	sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <b>ase Sample Matrix</b> s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed	1?	No No NA No	Subcontract Lab:	NΔ		



envirotech Inc.

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

-





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: E409085

Job Number: 01058-0007

Received: 9/12/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/18/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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# 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

v		Sample Sum	mary		
Devon Energy - Carlsbad		Project Name:	Paint 4-33 Fed Com	n 712H	Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:	01058-0007 Ashley Giovengo		09/18/24 11:19
		110jeet Manager			
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.



	D	ampic D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 0103	t 4-33 Fed Com 7 58-0007 ley Giovengo	712H		<b>Reported:</b> 9/18/2024 11:19:53AM
		SS05-0'				
		E409085-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	09/12/24	09/13/24	
o,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	Analys	st: 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	Analys	st: 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	Analys	st: DT		Batch: 2437060
Chloride	247	20.0	1	09/12/24	09/12/24	



# **QC Summary Data**

	Project Name: Project Number: Project Manager:	0						<b>Reported:</b> 9/18/2024 11:19:53AM
	Volatile O	rganics	by EPA 802	21B				Analyst: CG
	Reporting	Spike	Source		Rec		RPD	
Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	9/12/24 A	analyzed: 09/12/24
ND	0.0250							
ND								
ND	0.0250							
ND								
ND								
ND	0.0250							
7.16		8.00		89.5	70-130			
						Prepared: 0	9/12/24 A	analyzed: 09/12/24
4.80	0.0250	5.00		96.0	70-130			
4.60	0.0250	5.00		91.9	70-130			
4.71	0.0250	5.00		94.2	70-130			
4.56	0.0250	5.00		91.2	70-130			
9.33	0.0500	10.0		93.3	70-130			
13.9	0.0250	15.0		92.6	70-130			
7.17		8.00		89.7	70-130			
			Source:	E409083-1	0	Prepared: 0	9/12/24 A	analyzed: 09/12/24
5.00	0.0250	5.00	ND	100	54-133			
4.75	0.0250	5.00	ND	95.1	61-133			
4.88	0.0250	5.00	ND	97.6	61-130			
4.73	0.0250	5.00	ND	94.6	63-131			
9.65	0.0500	10.0	ND	96.5	63-131			
14.4	0.0250	15.0	ND	95.9	63-131			
7.12		8.00		89.1	70-130			
			Source:	E409083-1	0	Prepared: 0	9/12/24 A	analyzed: 09/12/24
4.92	0.0250	5.00	ND	98.4	54-133	1.57	20	
4.69	0.0250	5.00	ND	93.9	61-133	1.29	20	
4.81	0.0250	5.00	ND	96.2	61-130	1.43	20	
4.67	0.0250	5.00	ND	93.4	63-131	1.23	20	
0.50	0.0500	10.0	ND	95.3	63-131	1.30	20	
9.53 14.2	0.0500	15.0	ND	94.6	63-131	1.28	20	
	mg/kg ND ND ND ND ND ND 7.16 4.80 4.60 4.71 4.56 9.33 13.9 7.17 5.00 4.75 4.88 4.73 9.65 14.4 7.12 4.92 4.69 4.81	And State         Anager:           Volatile Or         Reporting Limit mg/kg           MD         0.0250           ND         0.0250           7.16	Project Manager:         A           Volatile Organics         Spike Level         Spike mg/kg         Spike Level           ND         0.0250         mg/kg         mg/kg           ND         0.0250         ND           ND         0.0250         S.00           A.80         0.0250         5.00           4.60         0.0250         5.00           4.71         0.0250         5.00           4.56         0.0250         5.00           4.56         0.0250         5.00           4.73         0.0250         5.00           4.73         0.0250         5.00           4.73         0.0250         5.00           4.73         0.0250         5.00           4.73         0.0250         5.00           4.48         0.0250         5.00           4.492         0.0250         5.00	ND         0.0250         Spike         Source           ND         0.0250         ND         0.0250           ND         0.0250         S.00         1.01           4.80         0.0250         5.00         1.01           7.16         8.00         Source         Source           4.80         0.0250         5.00         1.01           13.9         0.0250         5.00         ND           7.17         8.00         ND         1.01           4.88         0.0250         5.00         ND           4.75         0.0250         5.00         ND           4.75         0.0250         5.00         ND           4.73         0.0250         5.00         ND	Project Manager:         Ashley Giovengo           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec           mg/kg         mg/kg         mg/kg         %           ND         0.0250         mg/kg         %           ND         0.0250         sease         sease           7.16         8.00         sease         sease           4.80         0.0250         5.00         94.2           4.56         0.0250         5.00         91.9           4.71         0.0250         5.00         92.6           7.17         8.00         sease         sease           5.00         0.0250         5.00         ND         93.3           3.3         0.0250         5.00 <td>Project Manager:         Ashley Giovengo           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec Result         Rec Limits           MD         0.0250         mg/kg         %/         %/           ND         0.0250         sevent         sevent         sevent           7.16         8.00         sevent         sevent         sevent           4.80         0.0250         5.00         94.2         70-130           4.60         0.0250         5.00         91.9         70-130           4.56         0.0250         5.00         92.6         70-130           4.56         0.0250         5.00         89.7         70-130           7.17         8.00         89.7         70-130           3.93         0.0250         5.00         ND         9</td> <td>Project Manager:         Ashley Giovengo           Volatile Organics by EPA 8021B           Result mg/kg         Reporting Mg/kg         Spike Level         Source Result mg/kg         Rec Mg/kg         R</td> <td>ND         0.0250         Source         Res         Re</td>	Project Manager:         Ashley Giovengo           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec Result         Rec Limits           MD         0.0250         mg/kg         %/         %/           ND         0.0250         sevent         sevent         sevent           7.16         8.00         sevent         sevent         sevent           4.80         0.0250         5.00         94.2         70-130           4.60         0.0250         5.00         91.9         70-130           4.56         0.0250         5.00         92.6         70-130           4.56         0.0250         5.00         89.7         70-130           7.17         8.00         89.7         70-130           3.93         0.0250         5.00         ND         9	Project Manager:         Ashley Giovengo           Volatile Organics by EPA 8021B           Result mg/kg         Reporting Mg/kg         Spike Level         Source Result mg/kg         Rec Mg/kg         R	ND         0.0250         Source         Res         Re



# **QC Summary Data**

		QC D	u 111111	aly Data	4				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(	Paint 4-33 Fed C 01058-0007 Ashley Gioveng		[			<b>Reported:</b> 9/18/2024 11:19:53AM
	No	nhalogenated O	Organic	s by EPA 801	[5D - G]	RO			Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2437062-BLK1)							Prepared: 0	9/12/24 /	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: 0	9/12/24	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: 0	9/12/24	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: 0	9/12/24 /	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**

		VC D	u I I I I I I	ary Data	l				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		Paint 4-33 Fed C 01058-0007 Ashley Gioveng		ĺ			<b>Reported:</b> 9/18/2024 11:19:53AM
	Nonh	alogenated Org	anics by	y 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: 0	9/13/24 A	nalyzed: 09/17/24
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	52.2		50.0		104	50-200			
LCS (2437084-BS1)							Prepared: 0	9/13/24 A	nalyzed: 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: 1	E409105-	01	Prepared: 0	9/13/24 A	nalyzed: 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: 1	E409105-	01	Prepared: 0	9/13/24 A	nalyzed: 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**

		<b>Υ</b> <sup>C</sup> Ν		ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager		Paint 4-33 Fed ( 01058-0007 Ashley Gioveng					<b>Reported:</b> 9/18/2024 11:19:53A
		Anions	by EPA	300.0/90564	1				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2437060-BLK1)							Prepared: 0	9/11/24 /	Analyzed: 09/11/24
Chloride	ND	20.0							
LCS (2437060-BS1)							Prepared: 0	9/11/24 <i>A</i>	Analyzed: 09/11/24
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2437060-MS1)				Source:	E409082-(	03	Prepared: 0	9/11/24 A	Analyzed: 09/11/24
Chloride	254	20.0	250	ND	101	80-120			
Matrix Spike Dup (2437060-MSD1)				Source:	E409082-(	03	Prepared: 0	9/11/24 <i>A</i>	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.



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.



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				Sampl	e Informat	Information						8021	3260	300.	WN.	5 - TX	Meta			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID			Filter	Lab Numb	) per		BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	RCRA 8 M	Page	
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	pler) attest to the				l am aware th	nat tampering with or intentionally	nislabeling t	he san	nple loca	ation, d	ate or f	ime of c	ollectic	n is co	nsidere	d frau	d and may	be grounds fo	r legal action.	
	:Chad Hamil								_											
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						er arrangements are made. Haz th this COC. The liability of the										- cher	it expense		virote	
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#### **Envirotech Analytical Laboratory**

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)		AT)		
Chain o	f Custody (COC)						
1. Does	the sample ID match the COC?		Yes				
2. Does	the number of samples per sampling site location man	tch the COC	Yes				
3. Were samples dropped off by client or carrier?		Yes	Carrie	r: <u>Courier</u>			
4. Was tl	he COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.		Yes			Commen	ts/Resolution	
Sample	Turn Around Time (TAT)						
	ne COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	, was cooler received in good condition?		Yes				
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
11. If ye	s, were custody/security seals intact?		NA				
	the sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15	Yes				
13. If no	visible ice, record the temperature. Actual sample	temperature: <u>4°</u>	<u>C</u>				
	Container						
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers'	0	NA Vez				
	e appropriate volume/weight or number of sample containers		Yes Yes				
Field La			105				
	e field sample labels filled out with the minimum info	ormation:					
	Sample ID?		Yes				
	Date/Time Collected?		No				
	Collectors name?		No				
	<u>Preservation</u>	nagamia do	ът.				
	s the COC or field labels indicate the samples were pr sample(s) correctly preserved?	ieserveu?	No NA				
	b filteration required and/or requested for dissolved n	netals?	No				
	ase Sample Matrix		110				
	s the sample have more than one phase, i.e., multipha	se?	No				
	es, does the COC specify which phase(s) is to be analy		NA				
•		,	11/1				
	tract Laboratory	m9	Na				
	a subcontract laboratory specified by the client and it	-	No NA	Subcontract	I ob: NA		
	a saccontract has statisty spectfied by the endit and h		- 14 -	Subconnact	Lu0. 11/1		

**Client Instruction** 

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



envirotech Inc.





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: E410144

Job Number: 01058-0007

Received: 10/15/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/21/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 10/21/24

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,

ovengo,

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com



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# 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			
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			
Chain of Custody etc.			
Sam	nle	Summary	
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Sam	DIC	Summary	

		Sample Sum			
Devon Energy - Carlsbad		Project Name:	Paint 4-33 Fed Con	n 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.
BH0 1 - 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.
3H07 - 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.



	5	ampie D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb		t 4-33 Fed Com ′ 58-0007		Reported:	
Artesia NM, 88210	Project Manag		ley Giovengo	10/21/2024 7:26:27AM		
, ,	, ,		, ,			
		BH01 - 0'				
		E410144-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
oluene	ND	0.0250	1	10/15/24	10/16/24	
-Xylene	ND	0.0250	1	10/15/24	10/16/24	
o,m-Xylene	ND	0.0500	1	10/15/24	10/16/24	
Fotal Xylenes	ND	0.0250	1	10/15/24	10/16/24	
urrogate: 4-Bromochlorobenzene-PID		107 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: 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	Analy	st: NV		Batch: 2442075
Diesel Range Organics (C10-C28)	966	25.0	1	10/15/24	10/15/24	
Dil Range Organics (C28-C36)	604	50.0	1	10/15/24	10/15/24	
urrogate: n-Nonane		104 %	50-200	10/15/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2442085
Chloride	727	20.0	1	10/15/24	10/16/24	



### Sample Data

		ampic D				
Devon Energy - Carlsbad	Project Name:	Pain	t 4-33 Fed Com	712H		
6488 7 Rivers Hwy	Project Numb	er: 0105	58-0007		Reported:	
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			10/21/2024 7:26:27AM
		BH01 - 1'				
		E410144-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
oluene	ND	0.0250	1	10/15/24	10/16/24	
-Xylene	ND	0.0250	1	10/15/24	10/16/24	
,m-Xylene	ND	0.0500	1	10/15/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/16/24	
urrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2442066
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/16/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2442075
Diesel Range Organics (C10-C28)	25.6	25.0	1	10/15/24	10/15/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/15/24	10/15/24	
urrogate: n-Nonane		104 %	50-200	10/15/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2442085
Chloride	132	20.0	1	10/15/24	10/16/24	

# Sample Data

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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 010:	it 4-33 Fed Co 58-0007 ley Giovengo	m 712H		<b>Reported:</b> 10/21/2024 7:26:27AM
		BH0 1 - 3'				
		E410144-03				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
p-Xylene	ND	0.0250	1	10/15/24	10/16/24	
o,m-Xylene	ND	0.0500	1	10/15/24	10/16/24	
Fotal 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	An	alyst: 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	An	alyst: 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	An	alyst: IY		Batch: 2442085
Chloride	ND	20.0	1	10/15/24	10/16/24	



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Devon Energy - Carlsbad	Project Name:		t 4-33 Fed Com 7	12H		
6488 7 Rivers Hwy	Project Numbe		58-0007			Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			10/21/2024 7:26:27AN
		BH03 - 0'				
		E410144-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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	
p-Xylene	ND	0.0250	1	10/15/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/15/24	10/16/24	
Fotal Xylenes	ND	0.0250	1	10/15/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: CG		Batch: 2442066
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: 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	
Surrogate: n-Nonane		103 %	50-200	10/15/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: IY		Batch: 2442085
Chloride	1800	20.0	1	10/15/24	10/16/24	



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Devon Energy - Carlsbad	Project Name:		t 4-33 Fed Com 7	12H		
6488 7 Rivers Hwy	Project Numbe		58-0007			Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			10/21/2024 7:26:27AM
		BH03 - 2'				
		E410144-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/15/24	10/17/24	
o,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	Analys	t: 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	Analys	t: NV		Batch: 2442075
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/24	10/16/24	
Dil 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	Analys	t: IY		Batch: 2442085
Chloride	ND	20.0	1	10/15/24	10/16/24	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010:	t 4-33 Fed Com 7 58-0007 ley Giovengo	12H		<b>Reported:</b> 10/21/2024 7:26:27AM
		BH04 - 0'				
		E410144-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/15/24	10/17/24	
o,m-Xylene	ND	0.0500	1	10/15/24	10/17/24	
Fotal 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	Analys	t: CG		Batch: 2442066
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2442075
Diesel Range Organics (C10-C28)	136	25.0	1	10/15/24	10/16/24	
Dil Range Organics (C28-C36)	153	50.0	1	10/15/24	10/16/24	
Surrogate: n-Nonane		102 %	50-200	10/15/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2442085
Chloride	356	20.0	1	10/15/24	10/16/24	



### Sample Data

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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 010:	it 4-33 Fed Com 58-0007 ley Giovengo	712H		<b>Reported:</b> 10/21/2024 7:26:27AN
		BH04 - 2'				
		E410144-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	10/15/24	10/17/24	
o,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	Analy	st: CG		Batch: 2442066
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		104 %	50-200	10/15/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2442085
Chloride	ND	20.0	1	10/15/24	10/16/24	

		imple D				
Devon Energy - Carlsbad	Project Name:	Pain	nt 4-33 Fed Com 7	12H		
6488 7 Rivers Hwy	Project Numbe	er: 010	58-0007			Reported:
Artesia NM, 88210	Project Manag	er: Ash	ley Giovengo			10/21/2024 7:26:27AN
		BH05 - 0'				
	]	E410144-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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	
p-Xylene	ND	0.0250	1	10/15/24	10/17/24	
o,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	Analys	:: CG		Batch: 2442066
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		107 %	50-200	10/15/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: IY		Batch: 2442085
Chloride	2650	40.0	2	10/15/24	10/16/24	



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Devon Energy - Carlsbad	Project Name	: Pair	it 4-33 Fed Com 7	12H		
6488 7 Rivers Hwy	Project Numb	er: 010	58-0007		Reported:	
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			10/21/2024 7:26:27AM
		BH05 - 2'				
		E410144-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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	
oluene	ND	0.0250	1	10/15/24	10/17/24	
-Xylene	ND	0.0250	1	10/15/24	10/17/24	
o,m-Xylene	ND	0.0500	1	10/15/24	10/17/24	
Total Xylenes	ND	0.0250	1	10/15/24	10/17/24	
urrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/15/24	10/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: CG		Batch: 2442066
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/17/24	
urrogate: 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	Analys	t: NV		Batch: 2442075
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/24	10/16/24	
Dil 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	Analys	:: IY		Batch: 2442085
Chloride	28.6	20.0	1	10/15/24	10/16/24	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010:	t 4-33 Fed Com 7 58-0007 ley Giovengo	712H		<b>Reported:</b> 10/21/2024 7:26:27AM
		BH06 - 0'				
		E410144-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	10/15/24	10/16/24	
o,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		102 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2442066
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	10/15/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		111 %	50-200	10/15/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2442085
Chloride	927	20.0	1	10/15/24	10/16/24	



### Sample Data

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Devon Energy - Carlsbad	Project Name	: Pain	t 4-33 Fed Com	712H		
6488 7 Rivers Hwy	Project Numb	er: 010	58-0007			Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo	10/21/2024 7:26:27AN		
		BH06 - 2'				
		E410144-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	Analy	/st: 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	Analy	vst: 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	Analy	/st: IY		Batch: 2442085
Chloride	ND	20.0	1	10/15/24	10/16/24	



### Sample Data

	S	ample D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010	t 4-33 Fed Com 58-0007 ley Giovengo	712H		<b>Reported:</b> 10/21/2024 7:26:27AM
		BH07 - 0'				
		E410144-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	Anal	yst: IY		Batch: 2442085
Chloride	1320	20.0	1	10/15/24	10/16/24	



### Sample Data

	25	imple D	ala			
Devon Energy - Carlsbad	Project Name:	Pain	t 4-33 Fed Com 7	12H		
6488 7 Rivers Hwy	Project Numbe	er: 010:	58-0007			Reported:
Artesia NM, 88210	Project Manage	er: Ash	ey Giovengo			10/21/2024 7:26:27AM
		BH07 - 2'				
	]	E410144-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst	:: CG		Batch: 2442066
Benzene	ND	0.0250	1	10/15/24	10/17/24	
thylbenzene	ND	0.0250	1	10/15/24	10/17/24	
oluene	ND	0.0250	1	10/15/24	10/17/24	
-Xylene	ND	0.0250	1	10/15/24	10/17/24	
,m-Xylene	ND	0.0500	1	10/15/24	10/17/24	
otal Xylenes	ND	0.0250	1	10/15/24	10/17/24	
urrogate: 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	
urrogate: 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	
Dil Range Organics (C28-C36)	ND	50.0	1	10/15/24	10/16/24	
urrogate: 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



# **QC Summary Data**

Ashley Giove iics by EPA 8( ke Source rel Result kg mg/kg	8021B ce llt Rec g % 101 106 103 105 103	Rec Limits % 70-130 70-130 70-130 70-130 70-130 70-130		RPD Limit %	0/21/2024 7:26:27AM Analyst: CG Notes alyzed: 10/16/24 alyzed: 10/16/24
ke Source rel Result kg mg/kg 0 0 0 0 0 0 0	ce lt Rec g % 101 106 103 105 103	Limits % 70-130 70-130 70-130 70-130 70-130	% Prepared: 1	Limit % 0/15/24 An	Notes alyzed: 10/16/24
el Result kg mg/kg 0 0 0 0 0 0	llt Rec g % 101 106 103 105 103	Limits % 70-130 70-130 70-130 70-130 70-130	% Prepared: 1	Limit % 0/15/24 An	alyzed: 10/16/24
kg mg/kg 0 0 0 0 0 0	g % 101 106 103 105 103	70-130 70-130 70-130 70-130	Prepared: 1	% 0/15/24 An	alyzed: 10/16/24
0 0 0 0	106 103 105 103	70-130 70-130 70-130 70-130			
0 0 0 0	106 103 105 103	70-130 70-130 70-130 70-130			
0 0 0 0	106 103 105 103	70-130 70-130 70-130	Prepared: 1	0/15/24 An	alyzed: 10/16/24
0 0 0 0	106 103 105 103	70-130 70-130 70-130	Prepared: 1	0/15/24 An	alyzed: 10/16/24
0 0 0 0	106 103 105 103	70-130 70-130 70-130	Prepared: 1	0/15/24 An	alyzed: 10/16/24
0 0 0 0	106 103 105 103	70-130 70-130 70-130	Prepared: 1	0/15/24 An	alyzed: 10/16/24
0 0 0 0	106 103 105 103	70-130 70-130 70-130	Prepared: 1	0/15/24 An	alyzed: 10/16/24
0 0 0 0	106 103 105 103	70-130 70-130 70-130	Prepared: 1	0/15/24 An	alyzed: 10/16/24
0 0 0	103 105 103	70-130 70-130	Prepared: 1	0/15/24 An	alyzed: 10/16/24
0 0 0	103 105 103	70-130 70-130			
0 0	105 103	70-130			
0	103				
		70-130			
0	105				
•	105	70-130			
0	105	70-130			
0	101	70-130			
Source	rce: E410144-	10	Prepared: 1	0/15/24 An	alyzed: 10/16/24
0 ND	107	54-133			
0 ND	104	61-133			
0 ND	106	61-130			
0 ND	104	63-131			
0 ND	105	63-131			
0 ND	105	63-131			
0	104	70-130			
Source	rce: E410144-	10	Prepared: 1	0/15/24 An	alyzed: 10/16/24
0 ND	110	54-133	3.00	20	
0 ND	107	61-133	3.18	20	
	109	61-130	3.12	20	
0 ND	108	63-131	3.14	20	
0 ND 0 ND	109	63-131	3.04	20	
	/			20	
(	0 ND 0 ND 0 ND 0 ND	0 ND 110 0 ND 107 0 ND 109 0 ND 108 0 ND 109	0         ND         110         54-133           0         ND         107         61-133           0         ND         109         61-130           0         ND         109         63-131           0         ND         109         63-131           0         ND         109         63-131	ND         110         54-133         3.00           0         ND         107         61-133         3.18           0         ND         109         61-130         3.12           0         ND         108         63-131         3.14           0         ND         109         63-131         3.04	0         ND         110         54-133         3.00         20           0         ND         107         61-133         3.18         20           0         ND         109         61-130         3.12         20           0         ND         108         63-131         3.14         20

# **QC Summary Data**

		QC D	u	aly Data	L				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(	Paint 4-33 Fed C 01058-0007 Ashley Giovenge		[			<b>Reported:</b> 10/21/2024 7:26:27AM
111051a 1111, 00210	No	nhalogenated O		, ,		RO			Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442066-BLK1)							Prepared: 1	0/15/24	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: 1	0/15/24	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: l	E410144-	10	Prepared: 1	0/15/24	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: l	E410144-	10	Prepared: 1	0/15/24	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**

		VC DI	umm	aly Data					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		Paint 4-33 Fed C 01058-0007 Ashley Giovengo		I			<b>Reported:</b> 10/21/2024 7:26:27AM
	Nonh	alogenated Orga	anics by	y 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: 1	0/15/24 A	nalyzed: 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: 1	0/15/24 A	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: I	2410144-	05	Prepared: 1	0/15/24 A	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: I	2410144-	05	Prepared: 1	0/15/24 A	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**

H			<b>Repor</b> 10/21/2024	
				7:26:27AM
			Analyst:	IY
Rec Limit		RPD Limi		
%	%	%	N	otes
	Prepared	: 10/15/24	Analyzed: 10	/16/24
	Prepared	: 10/15/24	Analyzed: 10	/16/24
90-11	0			
4-07	Prepared	: 10/15/24	Analyzed: 10	/16/24
80-12	0			
1-07	Prepared	: 10/15/24	Analyzed: 10	/16/24
	0 0 302	20		-
	80-12 <b>44-07</b>	80-120 <b>44-07</b> Prepared	80-120 44-07 Prepared: 10/15/24	80-120 <b>44-07</b> Prepared: 10/15/24 Analyzed: 10

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	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

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#### **Chain of Custody**

					Chain	of Cu	stody													Page 1	
	Clie	nt Inform	ation	)	Invoice Informatio	Invoice Information						nly _				TA					
Client: D			_		Company: Devon			Lab W	/0#,	1	Job	Num	ber	_	1D	2D	3D	Std	NM CO UT	ТХ	
	Paint 4.			on 712H	Address: 205 E Bender Road #			EH	1014	14	0	058	.00	21				$\mathbf{X}$	XLLI		
	Manager: As				City, State, Zip: Hobbs NM, 88	3240	[				A	-		NA -4	had				EDA Drograd		
	3122 Natio			<u> </u>	Phone: (575)748-1838			-		<u> </u>		aiysis	and	wiet	noa				EPA Program SDWA   CWA	RCRA	
	e, Zip: Carls 575-988-005		88221	J	<u>Email: dale.woodall@dvn.co</u> Miscellaneous: Dale Woodall	om				l l								H		NCINA	
	ziovengo@e		om						"   "									c	ompliance Y	or N	
						}						2	_	×	ste			Р	WSID #		
				Samp	e Information				6 0 0	802	8260	N N	ž	05 - T	Met						
Time Sampled	Date Sampled	Matrix	No. Contal	iners	Sample ID	Field	La La La La	ab nber	DRO/ORO by 8015 GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metais				Remarks		
9:33	10/11/24	Soil	1	. B'	HO1- 0	'	1						Х								
1:35				B	HO1 - 1	1	2						Х								
9:43				ß	H01-3		3	3					Х								
10:36					H03-0		4	<u>  </u>					Х								
10:46					H03-2		5					_	Х								
11:21				B	1404-0' 3404-2'		6						Х								
11:32				(	3404-2		7						X								
[1:44					3405-0		δ						Х								
11:52					3405-2		9	<u> </u>		_		_	X								
12:24					3406-01		10						X								
					solum.com, agiovengo@ensolum.com	, dale.w	/oodall(	@dvn.	.com, i	iestre	lla@	ensol	um.c	om,	bdea	il@e	nsolu	im.cor	m,		
, (field sam sampled by	pler), attest to th : - <del>Cole Burto</del> n	e validity and Bowan	d auther		COTT . I am aware that tampering with or intentionally misla	abeling the	e sample lo	ocation,	date or t	ime of c	ollecti	on is co	nsidere	d frau	id and	may b	e grour	nds for le	gal action.		
Relinquist	ed by: (Signatu	re)		Date 10/14124	Time Received by: (Signature) 0930 Michelle Gonze	rles 1	ate 10-14-0	<i>ي</i> y	lime D¶	30				d or re	ceived	•			be received on ice the day t emp above 0 but less than 6		
Reitingist	the le	· 0	leş	Date 1014-24	Time Refeired by: (Signature)	1	ate  D•14.		160	10			Rece	eiveo	l on i	ce:	$\sim$	ab Use )/N	Only		
Religion	ed by: (Signatu	re)		Date 10.14.24	11me 2245 Received by Signature	- /	0.15	24	Time 8:1	$\underline{\mathcal{N}}$			<u>T1</u>		•	<u> </u>	<u>T2</u>		<u>T3</u>		
Relinquist	ed by: (Signatu	re)		Date	Time Received by: (Signature)		ate		lime .				AVG				<u> </u>				
				Aqueous, <b>O</b> - Other			ontainer												the analysis of the a	hove	
					ed unless other arrangements are made. Hazard aboratory with this COC. The liability of the labo									e cilêi	nt exp	ense.	ine re	eport to	in the analysis of the a	nove	

#### **Chain of Custody**

	Clier	nt Inform	ation			Invoice Information				L	ab Us	e On	ly									
	Paint 4-	1000 C		24	Ad	npany: Devon dress: 205 E Bender Road #1	hours !		ь wo	۳ ۱۵	14	Job I	Num	ber 00	10	1D	2D	3D St			TX	
	lanager: Asl					y, State, Zip: Hobbs NM, 882 one: (575)748-1838	40	-	-			Ana	lycic	and	Met	hod			1 6	PA Progra	am	
	3122 Nation e, Zip: Carls					nail: dale.woodall@dvn.cor	2	-	-	T	1		19313	l	Inici	I			SDWA	CWA	RCRA	
	75-988-005		00220			cellaneous: Dale Woodall		-											50111	- com	- neru	
	ziovengo@e	the first of the second	om			cellaneous. Dale woodali			10	10									Complia	nce Y	or	
inan. aj	lovengoeee	150runn.c.	JIII						801	801			0	-		s			PWSID #		1 - 1	
				Samp	le Informatio	on	1		- AO	O by	802.1	8260	300	WN.	1-5	Meta						
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numbe	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	5	
2:31	10/11/24	Soil	1		BHOG	-2`		1(						X								
3:38					BHOG	-0`		12						X								
3:45				1	B H 07	- 2`		13	4					X								
Addition		ns• Ple	ase (C: chi	uton@e	nsolum.com	agiovengo@ensolum.com, d	dale.wo	odall@d		om. ie	estrel		nsol	um.0		bde		nsolum	.com,			
hamilto (field sam	pler), attest to th	.com, bs	immons@	ensolum	.com	t tampering with or intentionally mislab														n.	-	
	ed by: (Signatu		Date		Time 0930	Received by: (Signature) Michelle Gonza	les 10	-14-24	Tim	ne 1930	5		-	samp		eceived			must be receive avg temp above			
Mic	ed by: (Signatu helle G ed by: (Signatu	ona	Date	1424	Time 1640 Time	Received by: (Signature)	Date 10 Date	14.24	Tim Tim	64	0			Rec	eive	d on	ice:	Lab	Use Only N			
1.4	ed by: (Signatu			4.24	2245 Time	Received by: (Signature)	Date	5.24	Tim		0			<u>T1</u>	-			<u>T2</u>		<u>T3</u>		
													-1	AV	G Ter	mp°(	<u> </u>	1				
ample Mad	trix: S - Soil. Sd - S	olid, Sg - Slu	dge, A - Aqueo	ous, O - Othe	r	r arrangements are made. Hazardou		itainer T											11000			

Page 24 of 25

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Page 2 of 2

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

#### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

	Devon Energy - Carlsbad Da	ate Received:	10/15/24 0	8:00	Work	Order ID:	E410144
Phone:	(505) 382-1211 Da	ate Logged In:	10/14/24 1	6:04	Logge	d In By:	Noe Soto
Email:		ue Date:	10/21/24 1	7:00 (4 day TAT)			
Chain o	f Custody (COC)						
1. Does t	the sample ID match the COC?		Yes				
2. Does t	the number of samples per sampling site location match	the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Cou	rier		
4. Was th	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes				
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes	_		<u>Commen</u>	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>						
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes				
Sample							
7. Was a	sample cooler received?		Yes				
8. If yes,	, was cooler received in good condition?		Yes				
9. Was th	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
11. If ye	s, were custody/security seals intact?		NA				
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample ter	nperature: 4°	С				
	<u>Container</u>	<u> </u>	-				
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample containers	collected?	Yes				
Field La							
	e field sample labels filled out with the minimum inform	ation:					
	Sample ID?		Yes				
	Date/Time Collected?		Yes	L			
I			Yes				
I (	Collectors name?		105				
I ( <u>Sample</u>	Preservation						
I Sample 21. Does	<u>Preservation</u> s the COC or field labels indicate the samples were prese	erved?	No				
I ( <u>Sample</u> 21. Does 22. Are s	<u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved?		No NA				
I ( <u>Sample</u> 21. Does 22. Are s 24. Is lab	<u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta		No				
I Sample 21. Does 22. Are s 24. Is lat <u>Multiph</u>	<u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta hase Sample Matrix	ils?	No NA No				
I Sample 21. Does 22. Are s 24. Is lat Multiph 26. Does	<b>Preservation</b> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <u>base Sample Matrix</u> s the sample have more than one phase, i.e., multiphase?	ıls?	No NA No				
I ( <u>Sample</u> 21. Does 22. Are s 24. Is lat <u>Multiph</u> 26. Does 27. If yes	<b>Preservation</b> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <b>tase Sample Matrix</b> s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed	ıls?	No NA No				
I Construction Sample 21. Does 22. Are s 24. Is lat Multiph 26. Does 27. If yet Subcont	<b>Preservation</b> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <b>tase Sample Matrix</b> s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed tract Laboratory.	ıls? d?	No NA No NA				
I         C           Sample         21. Does           21. Does         22. Are s           22. Are s         24. Is lat           Multiph         26. Does           27. If yet         Subcont           28. Are s         28. Are s	<b>Preservation</b> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <b>tase Sample Matrix</b> s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed	ıls? d?	No NA No				

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



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5796 U.S. Hwy 64 Farmington, NM 87401

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





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**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

Devon Energy - Carlsbad

Project Name: 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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com





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# 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 Sum	mary		
Devon Energy - Carlsbad		Project Name:	Paint 4-33 Fed Con	n 712H	Reported:
6488 7 Rivers Hwy		Project Number:	01058-0007		Reporteu.
Artesia NM, 88210		Project Manager:	Ashley Giovengo		10/23/24 08:28
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
3H02-0'	E410183-01A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
3H02-2'	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.
3H09-0'	E410183-07A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
3H09-1'	E410183-08A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
3H09-3'	E410183-09A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
H10-0'	E410183-10A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.
H10-2'	E410183-11A	Soil	10/16/24	10/18/24	Glass Jar, 2 oz.



	5	ample D	ala				
Devon Energy - Carlsbad	Project Name	e: Pain	t 4-33 Fed				
6488 7 Rivers Hwy	Project Numb	ber: 0105	01058-0007				Reported:
Artesia NM, 88210	Project Mana		10/23/2024 8:28:35AM				
		BH02-0'					
		E410183-01					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-Xylene	0.669	0.0250		1	10/18/24	10/20/24	
o,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/ORG	) mg/kg	mg/kg	kg Analyst: AF			Batch: 2442149	
Diesel Range Organics (C10-C28)	17500	50.0		2	10/18/24	10/18/24	
Dil 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**

	D	ample D	uu				
Devon Energy - Carlsbad	Project Name						
6488 7 Rivers Hwy	Project Numl		58-0007 ley Giover				Reported:
Artesia NM, 88210	Project Mana		10/23/2024 8:28:35AN				
		BH02-2'					
		E410183-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-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**

	D	sample D	ata				
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Num	Reported:					
Artesia NM, 88210	Project Mana		58-0007 ley Giover		10/23/2024 8:28:35AM		
		BH02-4'					
		E410183-03					
		Reporting					
Analyte	Result	Limit	Dil	lution	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	
p-Xylene	ND	0.0250		1	10/18/24	10/20/24	
o,m-Xylene	ND	0.0500		1	10/18/24	10/20/24	
Fotal 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	
Dil 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	



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Devon Energy - Carlsbad							
6488 7 Rivers Hwy	Project Numbe						Reported:
Artesia NM, 88210	Project Manag	er: Ash	ey Giover	ngo			10/23/2024 8:28:35AM
		BH08-0'					
		E410183-04					
		Reporting					
Analyte	Result	Limit	Dıl	ution	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	
p-Xylene	ND	0.0250		1	10/18/24	10/20/24	
o,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	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 0105	t 4-33 Fec 58-0007 ley Giover		12H		<b>Reported:</b> 10/23/2024 8:28:35AM
		BH08-1'					
		E410183-05					
Analyte	Result	Reporting Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	10/18/24	10/20/24	
o,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	



	D D	ample D	uu				
Devon Energy - Carlsbad	Project Name	oject Name: Paint 4-33 Fed Com 712H					
6488 7 Rivers Hwy	Project Numb		58-0007				Reported:
Artesia NM, 88210	Project Mana	ger: Ash		10/23/2024 8:28:35AM			
		BH08-3'					
		E410183-06					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	10/18/24	10/20/24	
o,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	
Dil 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

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Devon Energy - Carlsbad								
6488 7 Rivers Hwy	Project Num		01058-0007				Reported:	
Artesia NM, 88210	Project Mana	iger: Ash			10/23/2024 8:28:35AN			
		BH09-0'						
		E410183-07						
		Reporting						
Analyte	Result	Limit	Dilu	ution	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		
p-Xylene	ND	0.0250		1	10/18/24	10/20/24		
o,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		



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Devon Energy - Carlsbad	Project Name	Project Name: Paint 4-33 Fed Com 712H						
6488 7 Rivers Hwy	Project Num	ber: 010	58-0007			Reported:		
Artesia NM, 88210	Project Mana		10/23/2024 8:28:35AN					
		BH09-1'						
		E410183-08						
		Reporting						
Analyte	Result	Limit	Dil	ution	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		
p-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		



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Devon Energy - Carlsbad									
6488 7 Rivers Hwy	Project Numbe		58-0007 ley Giover			Reported:			
Artesia NM, 88210	Project Manage		10/23/2024 8:28:35AN						
		BH09-3'							
	]	E410183-09							
		Reporting							
Analyte	Result	Limit	Dı	lution	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			
p-Xylene	ND	0.0250		1	10/18/24	10/20/24			
o,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			
Dil 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

	~	bample D	uu				
Devon Energy - Carlsbad	Project Name: Paint 4-33 Fed Com 712H						
6488 7 Rivers Hwy	Project Number: 01058-0007						Reported:
Artesia NM, 88210	Project Mana	t Manager: Ashley Giovengo					10/23/2024 8:28:35AM
		BH10-0'					
		E410183-10					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-Xylene	ND	0.0250		1	10/18/24	10/20/24	
o,m-Xylene	ND	0.0500		1	10/18/24	10/20/24	
Fotal 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	ng/kg Analyst: AF			Batch: 2442149	
Diesel Range Organics (C10-C28)	111	25.0		1	10/18/24	10/19/24	
Dil 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

	D	ample D	aia				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Num Project Mana	ber: 010	t 4-33 Fed 58-0007 ley Giover		12H		<b>Reported:</b> 10/23/2024 8:28:35AM
		BH10-2'					
		E410183-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-Xylene	ND	0.0250		1	10/18/24	10/20/24	
o,m-Xylene	ND	0.0500		1	10/18/24	10/20/24	
Fotal 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	
Dil 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	



# **QC Summary Data**

		<b>t</b> = 101							
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		int 4-33 Fed ( 058-0007	Com 712H				Reported:
Artesia NM, 88210		Project Manager:		shley Gioveng	<u>jo</u>			10/	23/2024 8:28:35AM
		Volatile Organic	Compo	unds by EH	PA 8260H	3			Analyst: BA
Analyte		Reporting	Spike	Source		Rec		RPD	
Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442154-BLK1)							Prepared: 1	0/18/24 Anal	yzed: 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: 1	0/18/24 Anal	yzed: 10/20/24
Benzene	2.61	0.0250	2.50		104	70-130	1		J
Ethylbenzene	2.65	0.0250	2.50		104	70-130			
-	2.68		2.50		107	70-130			
Toluene	2.82	0.0250	2.50		113	70-130			
o-Xylene	5.58	0.0250	5.00		113	70-130			
p,m-Xylene	8.40	0.0500 0.0250	7.50		112	70-130			
Total Xylenes		0.0230	0.500		120	70-130			
Surrogate: Bromofluorobenzene	0.600								
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500 0.500		97.2 110	70-130 70-130			
Surrogate: Toluene-d8	0.550		0.500						
Matrix Spike (2442154-MS1)				Source:	E410182-0	02	Prepared: 1	0/18/24 Anal	yzed: 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:	E410182-0	02	Prepared: 1	0/18/24 Anal	yzed: 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			
			0.500		110	70-130			
Surrogate: Toluene-d8	0.552		0.500		110	/0-150			



## **QC Summary Data**

		QU DI		ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(	Paint 4-33 Fed ( )1058-0007 Ashley Gioveng					<b>Reported:</b> 10/23/2024 8:28:35AM
	No	onhalogenated O	rganics	s by EPA 80	15D - GF	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442154-BLK1)							Prepared: 1	0/18/24	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: 1	0/18/24	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:	E410182-0	2	Prepared: 1	0/18/24	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:	E410182-0	2	Prepared: 1	0/18/24	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			
	0.478		0.500		95.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.000		20.0	70-150			



## **QC Summary Data**

		QC D	u 111111	lary Data	•				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		Paint 4-33 Fed C 01058-0007 Ashley Giovengo		[			<b>Reported:</b> 10/23/2024 8:28:35AM
	Nonh	alogenated Org	anics b	y 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: 1	0/18/24	Analyzed: 10/18/24
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	48.0		50.0		96.0	50-200			
LCS (2442149-BS1)							Prepared: 1	0/18/24	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: E	410183-	11	Prepared: 1	0/18/24	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: E	410183-	11	Prepared: 1	0/18/24	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 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager		Paint 4-33 Fed 01058-0007 Ashley Gioveng					<b>Reported:</b> 10/23/2024 8:28:35A
		Anions	by EPA	<b>X 300.0/9056</b> A	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442160-BLK1)							Prepared: 1	0/18/24	Analyzed: 10/18/24
Chloride	ND	20.0							
LCS (2442160-BS1)							Prepared: 1	0/18/24	Analyzed: 10/18/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2442160-MS1)				Source:	E410183-	05	Prepared: 1	0/18/24	Analyzed: 10/18/24
Chloride	2610	40.0	250	2320	115	80-120			
Matrix Spike Dup (2442160-MSD1)				Source:	E410183-	05	Prepared: 1	0/18/24	Analyzed: 10/18/24
Chloride	2640	40.0	250	2320	128	80-120	1.21	20	M4
Chioride	2040	40.0	250	2320	120	00-120	1.21	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.



Γ	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**

		Invoice Informati	on		Lab Use Only								TAT		Stat	e					
Client: D			1.			ny: Devon	ward	L	ab WC	#1-	2	Job	Num	ber	-	1D	2D 3D	Std	NM	CO UT	TX
	Paint 4-			n 712H		ss: 205 E Bender Road	A		E4/0	78.	0	0/0	USI	3.0	אַן			IУ.	X		
and the second sec	Manager: Ash 3122 Nation					ate, Zip: Hobbs NM, 8 (575)748-1838	8240	_				Ana	alvsis	and	Met	hod		1	EP	A Progra	am
	e, Zip: Carlsl		and the second second		and the second second	dale.woodall@dvn.d	com			1							1		SDWA	CWA	RCRA
	575-988-0055				Miscella	neous: Dale Woodall															
Email: a	giovengo@ei	nsolum.c	com						8015	8015					101			1 H	Compliand PWSID #	ce Y	or N
				Sample In	formation				O by 8		8021	3260	300.0	WN	5 - TX	8 Metals			PVVSID #	-	
Time Sampled	Date Sampled	Matrix	No. of Containers	5	Sam	ple ID	Field	Lak Numl		GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 N				Remarks	
7:38	10/16/24	5	1	Br	102-	0`		1						X							
9:46	1	1	1	BI	102-	2`		2						X							
9:54				BI	H02-	4		3						X							
11:58				BH	08 -	0'		4						X							
12:13				BH	-04 -	1,		5						X							
12:24				BH	108-	3'		6						X							
13:15				BH	109 -	-0'		7						X							
13:20				Bt	+09-	- 1		8						X							
13:26				BH	109-	-3`		9						X							
14:10				BH	+10 -	- 01		10						$\wedge$							
chamilto	on@ensolum	.com, bs	d authentic	s@ensolum.com	<b>1</b> m aware that tam	ovengo@ensolum.con	labeling the s														
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Vyic	ed by (Signatur Nelle G	ongoi	es li		00 7	eived by: (Signature)	Dat /C	17.1	24 1	63	0			Rece	eivec	l on ic	e: (	ab Us	e Only		
J.Y	ed by: (Signatu			0.17.24 2	515 L	aved by: (Sepature)		).18.2		5:0	D			<u>T1</u>			-/12	-		<u>T3</u>	
Relinquish	ed by: (Signatu	re)	Da	te Time	Rec	eived by: (Signature)	Dat	te	Tim	e				AVG	Ten	1p °C	4				
				queous, <b>O</b> - Other				ntainer					A Design for the local	c, ag	amb	per gla					
						ngements are made. Hazaro COC. The liability of the lab									e clier	nt expe	nse. The	report f	or the anal	ysis of the	above

of 2

Page

## **Chain of Custody**

	Clier	t Inform	ation		Invoice Info	rmation			La	b Us	e On	ly	TAT					State
Client: D	levon				Company: Devon		Lab, V	ND#			Job	Numl	ber	-	1D 20	3D 3	Std	NM CO UT TX
Project:	Paint 4-	-33 F	ed co	m 71217	Address: 205 E Bender	Road #150	E4	10	83	5	do	58-	oer OOC	07			X	XIII
	Aanager: Ash				City, State, Zip: Hobbs	NM, 88240									-		-	
	3122 Nation				Phone: (575)748-1838	7.5.11.5.11.1		-		-	Ana	lysis	and I	Meth	nod		_	EPA Program
	e, Zip: Carls		88220		Email: dale.woodall@		-										-	SDWA CWA RCRA
	575-988-0055 giovengo@ei				Miscellaneous: Dale Wo	odall											-	Compliance Y or N
Email: a	giovengo@ei	isolum.c	om					8015	8015						5		-	PWSID #
	-			Sample Inf	ormation			NO by	Nd OS	8021	8260	e 300.	WN -	05 - TX	Metal		F	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field Filter	Lab lumber	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
min	10	6	A	QUU	0-2		11						X					
14:20	10/16/24	5	1	5410			11				_	_	1	-	_		-	
	-							-	-				-	-			-	
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					m.com, agiovengo@ensolu	n.com, dale.wood	all@dvn	1.con	n, ies	stren	a@e	nson	um.co	om, i	Jueal@	ensolu	m.co	an,
I, (field sam	pler), attest to the	validity an	authenticity	of this sample. I am	aware that tampering with or intentio	nally mislabeling the same	le location,	, date	or time	e of co	llection	n is cor	sidered	d fraud	and may	be ground	ds for I	egal action.
	:_Cole Burton_																	
Relinquist	ed by: (Signatu	e)	Date	Time	Received by: (Signature	) Date	- 2.1	Time										t be received on ice the day they are temp above 0 but less than 6 °C on
V.			6	7124 110	o vijehele G	ongoles 101	1.24	11	00				subseni	uent da	erved pack			
Relinguist	ed by: (Signatu	re) 🕴	Date		Received by: (Signature	) Date	17 20	Time	63	0								e Only
	helle Gi	1	-	1724 161	A.J.	/0 · Date	17.24	Time	62	0			Rece	ived	on ice	Q	/ N	
Relinquis	ied by: (Signatu	re)	Date	17711 20	BIS Automatic	Man 1h. M	6.74	5	a	7	8		т1			тэ		T3
Felinquis	• ned by: (Signatu	re)	/O Date		Received by: (Signature			Time		-			<u>T1</u>			<u>T2</u>	-	
Reiniquisi	icu by. (Signatu	<b>(</b> )	Dute	, inc	increased by, (Digitature								AVG	Tem	p°C	4		
				and the second sec	concerning and a state of the s		iner Type		-		L.	and the second se	ASS SALLES		A.C		_	

Page 22 of 23

C

envirotech;

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

## **Envirotech Analytical Laboratory**

			<sup>1</sup> mary	lical Laboratory	г	filiteu: 10/16/2024 9:05:55A
nstructions	: Please take note of any NO checkmarks.	Sample	Receipt (	Checklist (SRC)		
we receive	e no response concerning these items within 24 hours of the	date of this not	ice, all the s	samples will be analyzed as ree	quested.	
Client:	Devon Energy - Carlsbad D	ate Received:	10/18/24	08:00	Work Order ID:	E410183
Phone:	(505) 382-1211 D	ate Logged In:	10/17/24	14:55	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com D	ue Date:	10/24/24	17:00 (4 day TAT)		
Chain of	<u>f Custody (COC)</u>					
1. Does t	he sample ID match the COC?		Yes			
	he number of samples per sampling site location match	the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	d analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
Sample '	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re- minutes of sampling	eceived w/i 15	Yes			
	visible ice, record the temperature. Actual sample te	mperature: <u>4</u> °	<u>c</u>			
	<u>Container</u>					
	aqueous VOC samples present?		No NA			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?					
	appropriate volume/weight or number of sample containers?	e collected?	Yes Yes			
Field La		s conecteu?	108			
-	field sample labels filled out with the minimum inform	nation				
	Sample ID?	lation.	Yes			
Γ	Date/Time Collected?		Yes			
0	Collectors name?		Yes			
	Preservation					
	the COC or field labels indicate the samples were pres-	erved?	No			
	sample(s) correctly preserved?		NA			
	o filteration required and/or requested for dissolved met	als?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphase?		No			
27. If yes	s, does the COC specify which phase(s) is to be analyze	ed?	NA			
<u>Subcont</u>	ract Laboratory					
28. Are s	amples required to get sent to a subcontract laboratory	2	No			
29. Was	a subcontract laboratory specified by the client and if so	o who?	NA	Subcontract Lab: NA		
<u>Clien</u> t I	nstruction					

**Client Instruction** 

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







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: E502078

Job Number: 01058-0007

Received: 2/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/17/25

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: 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,



Page 119 of 275

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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# 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
Q	C 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
D	efinitions and Notes	40
С	hain of Custody etc.	41

#### **Sample Summary**

		Sample Sum	mai y		
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		02/17/25 10:24
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S11 @ 0.5'	E502078-01A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
'S17 @ 1'	E502078-02A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
'S18 @ 0.5'	E502078-03A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
'S24 @ 1'	E502078-04A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S25 @ 0.5'	E502078-05A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S30 @ 1'	E502078-06A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
'S31 @ 0.5'	E502078-07A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
832 @ 0.5'	E502078-08A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S37 @ 0.5'	E502078-09A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
\$38 @ 0.5'	E502078-10A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
839 @ 0.5'	E502078-11A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
544 @ 0.5'	E502078-12A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
545 @ 0.5'	E502078-13A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S51 @ 0.5'	E502078-14A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S56 @ 0.5'	E502078-15A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
857 @ 0.5'	E502078-16A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
861 @ 0.5'	E502078-17A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S19 @ 0.5'	E502078-18A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S20 @ 0.5'	E502078-19A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S26 @ 0.5'	E502078-20A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S27 @ 0.5'	E502078-21A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
\$33 @ 0.5'	E502078-22A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
534 @ 0.5'	E502078-23A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S40 @ 0.5'	E502078-24A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S41 @ 0.5'	E502078-25A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
S47 @ 0.5'	E502078-26A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.



	Da	imple D	uu				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manage	r: 010:	t 4-33 Fed 58-0007 ley Giovenş		2Н		<b>Reported:</b> 2/17/2025 10:24:06AN
	F	S11 @ 0.5'					
		E502078-01					
		Reporting					
Analyte	Result	Limit	Dilu	ution	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		95.6 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	1	97.3 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8		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	i	1	02/11/25	02/11/25	
Surrogate: Bromofluorobenzene	!	95.6 %	70-130		02/11/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	1	97.3 %	70-130		02/11/25	02/11/25	
Surrogate: Toluene-d8		96.9 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORC	) 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	1	02/11/25	02/11/25	
Surrogate: n-Nonane	!	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



# Sample Data

	~						
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Num Project Mana	ber: 0103	t 4-33 Fed 58-0007 ley Gioven		2Н		<b>Reported:</b> 2/17/2025 10:24:06AM
		FS17 @ 1'					
		E502078-02					
Analyte	Result	Reporting Limit	Dilı	ution	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

		ampic D					
Devon Energy - Carlsbad	Project Name	e: Pain	t 4-33 Fed	Com 712	2H		
6488 7 Rivers Hwy	Project Num		58-0007				Reported:
Artesia NM, 88210	Project Mana	iger: Ashi	ley Gioven	go			2/17/2025 10:24:06AM
		FS18 @ 0.5'					
		E502078-03					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	PA 8260B mg/kg mg/kg Analyst: RKS						Batch: 2507029
Benzene	ND	0.0250	1	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:	КН		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**

		ample D	utu				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 0103	t 4-33 Fec 58-0007 ley Giover		12H		<b>Reported:</b> 2/17/2025 10:24:06AM
		FS24 @ 1'	-				
		E502078-04					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-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

		ample D					
Devon Energy - Carlsbad	Project Name	e: Pain	t 4-33 Fed	Com 71	2H		
6488 7 Rivers Hwy	Project Num	ber: 0105	58-0007				Reported:
Artesia NM, 88210	Project Mana	iger: Ash	ley Gioven	igo			2/17/2025 10:24:06AM
		FS25 @ 0.5'					
		E502078-05					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		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

		ample D	uu				
Devon Energy - Carlsbad	Project Name:		t 4-33 Fed	Com 7	2Н		<b>D</b>
6488 7 Rivers Hwy	Project Numb		58-0007				<b>Reported:</b> 2/17/2025 10:24:06AM
Artesia NM, 88210	Project Manag	ger: Ash	ley Giover	ıgo			2/1//2025 10:24:06AM
		FS30 @ 1'					
		E502078-06					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500		1	02/11/25	02/11/25	
Fotal 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	
Dil 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

	~	ampic D					
Devon Energy - Carlsbad	Project Name		t 4-33 Fed	Com 71	2Н		
6488 7 Rivers Hwy	Project Numb		58-0007				Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Gioven	go			2/17/2025 10:24:06AM
	]	FS31 @ 0.5'					
		E502078-07					
		Reporting					
Analyte	Result	Limit	Dilu	ution	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	
p-Xylene	ND	0.0250		1	02/11/25	02/11/25	
o,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	
Dil 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

		ampic D					
Devon Energy - Carlsbad	Project Name	e: Pain	t 4-33 Fed	Com 71	2H		
6488 7 Rivers Hwy	Project Num	ber: 0105	58-0007				Reported:
Artesia NM, 88210	Project Mana	iger: Ash	ley Gioven	igo			2/17/2025 10:24:06AM
		FS32 @ 0.5'					
		E502078-08					
		Reporting					
Analyte	Result	Limit	Dil	ution	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

	St	imple D	aca				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 010:	t 4-33 Fed 58-0007 ey Giover		2Н		<b>Reported:</b> 2/17/2025 10:24:06AM
	ŀ	FS37 @ 0.5'					
		E502078-09					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-Xylene	ND	0.0250		1	02/11/25	02/11/25	
o,m-Xylene	ND	0.0500		1	02/11/25	02/11/25	
Fotal 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	
Dil 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

		ampie D					
Devon Energy - Carlsbad	Project Name	e: Pain	t 4-33 Fed	Com 71	2H		
6488 7 Rivers Hwy	Project Num	ber: 0105	58-0007				Reported:
Artesia NM, 88210	Project Mana	ager: Ash	ey Gioven	go			2/17/2025 10:24:06AM
		FS38 @ 0.5'					
		E502078-10					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		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

	D	ample D	ata				
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Numb		t 4-33 Fed	Com 71	2H		Reported:
Artesia NM, 88210	Project Manag		ley Giover	ngo			2/17/2025 10:24:06AM
	]	FS39 @ 0.5'					
		E502078-11					
		Reporting					
Analyte	Result	Limit	Dil	lution	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	
p-Xylene	ND	0.0250		1	02/11/25	02/11/25	
o,m-Xylene	ND	0.0500		1	02/11/25	02/11/25	
Fotal 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**

	50	ample D	ala				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 010:	t 4-33 Fec 58-0007 ley Giover		12H		<b>Reported:</b> 2/17/2025 10:24:06AM
	ŀ	5844 @ 0.5'					
		E502078-12					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	02/11/25	02/11/25	
o,m-Xylene	ND	0.0500		1	02/11/25	02/11/25	
Fotal 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	
Dil 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

	50	ample D	ala				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 010	t 4-33 Fec 58-0007 ley Giover		12H		<b>Reported:</b> 2/17/2025 10:24:06AM
	I	FS45 @ 0.5'					
		E502078-13					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
o,m-Xylene	ND	0.0500		1	02/11/25	02/11/25	
Fotal 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	
Dil Range Organics (C28-C36)	ND	50.0		1	02/11/25	02/12/25	
urrogate: 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

	5	ample D	ara				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	oer: 0105	t 4-33 Fec 58-0007 ley Giover		2H		<b>Reported:</b> 2/17/2025 10:24:06AM
		FS51 @ 0.5'					
		E502078-14					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
-Xylene	ND	0.0250		1	02/11/25	02/11/25	
o,m-Xylene	ND	0.0500		1	02/11/25	02/11/25	
Fotal 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	
urrogate: 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	
Dil Range Organics (C28-C36)	85.1	50.0		1	02/11/25	02/12/25	
urrogate: 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

		mpic D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	r: 0103	t 4-33 Fec 58-0007 ley Giover		12H		<b>Reported:</b> 2/17/2025 10:24:06AM
	F	S56 @ 0.5'					
	]	E502078-15					
Analyte	Result	Reporting Limit	Di	lution	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

	~	ampic D					
Devon Energy - Carlsbad	Project Name:		t 4-33 Fed				
6488 7 Rivers Hwy	Project Numb			Reported:			
Artesia NM, 88210	Project Manag	ger: Ash	ley Gioven	igo			2/17/2025 10:24:06AM
	]	FS57 @ 0.5'					
		E502078-16					
		Reporting					
Analyte	Result	Limit	Dilu	ution	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/ORC	) mg/kg	mg/kg		Analyst:	КН		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

	56	ampie D	ala				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 010	t 4-33 Fec 58-0007 ley Giover		12H		<b>Reported:</b> 2/17/2025 10:24:06AM
	ŀ	FS61 @ 0.5'					
	-	E502078-17					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
-Xylene	ND	0.0250		1	02/11/25	02/11/25	
o,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	
Dil 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

	~	ampic D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Numbe		t 4-33 Fed ( 58-0007	Com 712F	I		Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Gioveng	go			2/17/2025 10:24:06AM
	]	FS19 @ 0.5'					
		E502078-18					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RI	KS		Batch: 2507029
Benzene	ND	0.0250	1	l	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	l	02/11/25	02/11/25	
Toluene	ND	0.0250	1	l	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	l	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	l	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	l	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: RI	KS		Batch: 2507029
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: Kl	H		Batch: 2507037
Diesel Range Organics (C10-C28)	25.1	25.0	1	l	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	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: D	Г		Batch: 2507036
Chloride	94.6	20.0	1	l	02/11/25	02/12/25	



## Sample Data

		ample D	uu				
Devon Energy - Carlsbad	Project Name		t 4-33 Fed				
6488 7 Rivers Hwy	Project Numb		58-0007			Reported:	
Artesia NM, 88210	Project Manag	ger: Ash	ley Giover	ıgo			2/17/2025 10:24:06AM
	]	FS20 @ 0.5'					
		E502078-19					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	02/11/25	02/11/25	
o,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	
Dil 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

		ample D	uu				
Devon Energy - Carlsbad	Project Name:		t 4-33 Fed				
6488 7 Rivers Hwy	Project Number			Reported:			
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovei	ngo			2/17/2025 10:24:06AM
	I	FS26 @ 0.5'					
		E502078-20					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	02/11/25	02/11/25	
o,m-Xylene	ND	0.0500		1	02/11/25	02/11/25	
Fotal 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	
urrogate: 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	
Dil 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

			aca			
Devon Energy - Carlsbad	Project Name:	Pair	tt 4-33 Fed Com 7	712H		
6488 7 Rivers Hwy	Project Numb	er: 010	58-0007		Reported:	
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			2/17/2025 10:24:06AM
	]	FS27 @ 0.5'				
		E502078-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-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	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2507028
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		129 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2507035
Chloride	995	20.0	1	02/11/25	02/11/25	



## Sample Data

	5	ampic D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010:	it 4-33 Fed Com 58-0007 ley Giovengo	712H		<b>Reported:</b> 2/17/2025 10:24:06AM
	]	FS33 @ 0.5'				
		E502078-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
p-Xylene	ND	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Fotal Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2507028
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		121 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2507035
Chloride	1550	20.0	1	02/11/25	02/11/25	


## Sample Data

	5	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Numb		t 4-33 Fed Com 7 58-0007	'12H		Reported:
Artesia NM, 88210	Project Manag		ey Giovengo		2/17/2025 10:24:06AM	
		FS34 @ 0.5'				
		E502078-23				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys		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	50 1 02/11/25		02/12/25	
o-Xylene	ND	0.0250	0 1 02/11/25		02/12/25	
o,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2507028
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		72.7 %	70-130	02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: AF		Batch: 2507056
Diesel Range Organics (C10-C28)	397	25.0	1	02/12/25	02/12/25	
Dil Range Organics (C28-C36)	275	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		118 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	it: DT		Batch: 2507035
Chloride	1160	20.0	1	02/11/25	02/11/25	



## Sample Data

	D	ampic D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010:	tt 4-33 Fed Com 7 58-0007 ley Giovengo		<b>Reported:</b> 2/17/2025 10:24:06AM	
	]	FS40 @ 0.5'				
		E502078-24				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	02/11/25	02/12/25	
o,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2507028
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		72.2 %	70-130	02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		133 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2507035
Chloride	946	20.0	1	02/11/25	02/11/25	

## Sample Data

		ampic D	ata			
Devon Energy - Carlsbad	Project Name:		tt 4-33 Fed Com	712H		
6488 7 Rivers Hwy	Project Numb		58-0007	Reported:		
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo		2/17/2025 10:24:06AM	
	]	FS41 @ 0.5'				
		E502078-25				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	02/11/25	02/12/25	
o,m-Xylene	ND	0.0500	1	02/11/25	02/12/25	
Fotal Xylenes	ND	0.0250	1	02/11/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2507028
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		73.2 %	70-130	02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORC	) mg/kg	mg/kg	Analys	st: AF		Batch: 2507056
Diesel Range Organics (C10-C28)	629	25.0	1	02/12/25	02/12/25	
Dil Range Organics (C28-C36)	303	50.0	1	02/12/25	02/12/25	
Surrogate: n-Nonane		123 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2507035
Chloride	1890	20.0	1	02/11/25	02/11/25	
Oil Range Organics (C10-C25) Surrogate: n-Nonane Anions by EPA 300.0/9056A Chloride	<b>303</b> mg/kg	50.0 123 % mg/kg	61-141 Analys	<i>02/12/25</i> st: DT	02/12/25	Batch: 25070



## Sample Data

	56	ample D	ala				
Devon Energy - Carlsbad	Project Name:	Pair	t 4-33 Fed C	Com 712H			
6488 7 Rivers Hwy	Project Numbe	er: 010		Reported:			
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo		2/17/2025 10:24:06AM		
	-	E502078-26					
		Reporting					
Analyte	Result	Limit	Diluti	ion Prep	ared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	ng/kg Analyst: BA				Batch: 2507028
Benzene	ND	0.0250	1	02/1	1/25	02/12/25	
Ethylbenzene	ND	0.0250	1	02/1	1/25	02/12/25	
Foluene	ND	0.0250	.0250 1 02/1		1/25	02/12/25	
p-Xylene	ND	0.0250	0250 1 02/2		1/25	02/12/25	
o,m-Xylene	ND	0.0500	0 1 02/11/25		1/25	02/12/25	
Fotal Xylenes	ND	0.0250	1	02/1	1/25	02/12/25	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	02/1	1/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: BA			Batch: 2507028
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/1	1/25	02/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		72.9 %	70-130	02/1	1/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	analyst: AF			Batch: 2507056
Diesel Range Organics (C10-C28)	448	25.0	1	02/1	2/25	02/12/25	
Oil Range Organics (C28-C36)	190	50.0	1	02/1	2/25	02/12/25	
Surrogate: n-Nonane		141 %	61-141	02/1	2/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	analyst: DT			Batch: 2507035
Chloride	2720	20.0	1	02/1	1/25	02/11/25	



## **QC Summary Data**

		20.51		iry Data					
Devon Energy - Carlsbad		Project Name:	Pa	int 4-33 Fed C				Reported:	
6488 7 Rivers Hwy		Project Number:	01	058-0007					
Artesia NM, 88210		Project Manager:	As	shley Gioveng	0			2/1	7/2025 10:24:06AM
		Volatile Organic	Compo	unds by EP	A 8260I	3			Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	
T indigite	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507029-BLK1)							Prepared: 02	2/11/25 Anal	yzed: 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	0.475		0.500		97.2	70-130			
-	0.700						Drong - 1. 04	)/11/25 A - 1	uradi 02/11/25
LCS (2507029-BS1)							Prepared: 0.	2/11/25 Anal	yzed: 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)					E502078-0		Prepared: 02	2/11/25 Anal	yzed: 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:	E502078-0	04	Prepared: 02	2/11/25 Anal	yzed: 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			
ourroguie. Iouene-uo	0.405		0.000		27.0	,0150			



## **QC Summary Data**

		<b>X</b> U N							
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	Paint 4-33 Fed 1058-0007 Ashley Giovens					<b>Reported:</b> 2/17/2025 10:24:06AM
7110310 1111, 00210				by EPA 802	5				
		volutile 0	Sames	by EIROO2	110				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507028-BLK1)							Prepared: 0	2/11/25 A	nalyzed: 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: 0	2/11/25 A	nalyzed: 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: 0	2/11/25 A	nalyzed: 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: 0	2/11/25 A	nalyzed: 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			
Surrogane. +-Dromoentorobenzene-11D	/.0/		0.00		20.7	.0 150			



## **QC Summary Data**

		QC D	umm	ary Data	4				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	0	Paint 4-33 Fed (		[			Reported:
Artesia NM, 88210		Project Manager:	P	Ashley Gioveng	ço				2/17/2025 10:24:06AM
	No	nhalogenated (	Organics	by EPA 80	15D - GI	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507028-BLK1)							Prepared: 0	2/11/25 A	nalyzed: 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: 0	2/11/25 A	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: 0	2/11/25 A	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: 0	2/11/25 A	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**

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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		Paint 4-33 Fed ( 01058-0007 Ashley Gioveng					<b>Reported:</b> 2/17/2025 10:24:06AM
	No	Analyst: RKS							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507029-BLK1)							Prepared: 0	02/11/25 A	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: 0	2/11/25 A	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:	E502078-0	04	Prepared: 0	2/11/25 A	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:	E502078-0	04	Prepared: 0	02/11/25 A	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			
niroguie. 1,2 Diemoroeinane u4									



## **QC Summary Data**

		QC D	umm	ary Data	u						
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		Paint 4-33 Fed ( 01058-0007 Ashley Gioveng		[			<b>Reported:</b> 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	2/11/25 A	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	2/11/25 A	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	2/11/25 A	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	2/11/25 A	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**

		QC D	u 111111	ary Data	4					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		Paint 4-33 Fed C 01058-0007 Ashley Gioveng		ĺ			<b>Reported:</b> 2/17/2025 10:24:06AM	
	Nonhalogenated Organics by EPA 8015D - DRO/ORO Analys									
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: 0	2/11/25 A	Analyzed: 02/11/25	
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0								
Surrogate: n-Nonane	55.0		50.0		110	61-141				
LCS (2507056-BS1)							Prepared: 0	2/11/25 A	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: 0	2/11/25 A	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: 0	2/11/25 A	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**

		<b>C</b>	-						
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 Gioveng	go				2/17/2025 10:24:06AM
		Anions	by EPA	300.0/9056	١				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507035-BLK1)							Prepared: 0	2/11/25 A	nalyzed: 02/11/25
Chloride	ND	20.0							
LCS (2507035-BS1)							Prepared: 0	2/11/25 A	nalyzed: 02/11/25
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2507035-MS1)				Source:	E502077-0	7	Prepared: 0	2/11/25 A	nalyzed: 02/11/25
Chloride	3180	40.0	250	2680	202	80-120			M4
Matrix Spike Dup (2507035-MSD1)				Source:	E502077-0	7	Prepared: 0	2/11/25 A	nalyzed: 02/11/25
Chloride	3130	40.0	250	2680	179	80-120	1.84	20	M4



## **QC Summary Data**

		$\chi \sim \sim$							
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	:	Paint 4-33 Fed 01058-0007 Ashley Gioveng					<b>Reported:</b> 2/17/2025 10:24:06AM
		Anions	by EPA	300.0/90564	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507036-BLK1)							Prepared: 0	2/11/25 A	nalyzed: 02/11/25
Chloride	ND	20.0							
LCS (2507036-BS1)							Prepared: 0	2/11/25 A	nalyzed: 02/11/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2507036-MS1)				Source:	E502078-0	08	Prepared: 0	2/11/25 A	nalyzed: 02/11/25
Chloride	452	20.0	250	176	110	80-120			
Matrix Spike Dup (2507036-MSD1)				Source:	E502078-0	)8	Prepared: 0	2/11/25 A	nalyzed: 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.



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.



#### **Chain of Custody**

	Clier	nt Inform	nation		Invoice Inform	ation			Lal	b Use (	Only	,			TAT		State
<u>Client:</u> [					Company: Devon Energy		Lab	wo#			b Ni			1D 2	2D 3D Std	NM CC	UT TX
Project:			ed Com i	<u>1712H</u>	Address: 5315 Buena Vist		E	2020	<u> </u>	8 10	US	<u>8.0(</u>	101		X		
	Manager: Asl 3122 Nation				City, State, Zip: Carlsbad I Phone: (575)689-7597	NIVI, 88220	·		_	Δ	nalv	sis an	d Me	hod	-	FPA F	Program
	te, Zip: Carls				Email: jim.raley@dvn.com	)	-		T	T							WA   RCR/
	575-988-005				Miscellaneous: Jim Raley												
<u>Email: a</u>	giovengo@e	<u>nsolum.c</u>	om			·····		8015	8015							Compliance	Y or
				Sample Info	rmation	1				3021		300.0 MM	¥.	Aetals		PWSID #	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field Z	Lab Imber	DRO/ORO	GRO/DRO by	BTEX by 8021		Chloride 300.0 BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		Re	marks
1059	2/7/2025	s	1	F5 11	@ 0.5'		1		Ť			X					
1058	2/7/2025	s	1	FS 17	C I'		$\widehat{\boldsymbol{\lambda}}$		╡		1	X	:				
0955	2/7/2025	S	1		0.5'		3					×	:				
1055	2/7/2025	s	1	FS 24 @	2 1'		ł					Х					
0957		S	1	FS 25 (	0.5'	G	5					X	۲ ۲				
1050	2/7/2025	s	1	FS 300	2 1'		Q					×	:				
1052		s	1	F531@	0.5'		7					×					
0959	2/7/2025	s	1	FS 32	0.5'		8					<b>X</b>	۲ ــــــــــــــــــــــــــــــــــــ				
1045	2/7/2025	s	1	F537	@ 0.5'		1					×	۲ ــــــــــــــــــــــــــــــــــــ				
1032		S	1	1000	0.5'		0					X					
				ourton@ensolum ensolum.com	1.com, agiovengo@ensolum.c	om, jim.raley@c	lvn.co	m, iest	rell	a@ens	solui	m.con	n, cha	milton	@ensolum.	com,	
I, (field sam		e validity and			ware that tampering with or intentionally	mislabeling the sample	locatio	n, date or	time	of collec	tion is	s conside	ered fra	ud and mi	ay be grounds fo	or legal action.	
M	ned by: (Signatur		Date 2	-10-25 08C	Received by: (Signature)	les 2.10	-25	Time	30			sam		eceived pa		nust be received on ic vg temp above 0 but i	
Relinquist	hed Signatur	te) Nef	Date	10-25 1631	Received by: (Signature)	Date 1.1	9.25	Time	Ŋ	5				d on ice	<b>•</b> ·	lse Only N	
how	ned by: (Signatur		Date	10.25 Time	Received by (Signature)	m 2.1/2	25	Time 73	0	-		T1			_ <u>12</u>	<u> T3</u>	
	ned by: (Signatur		Date	Time	Received by: (Signature)	Date	•	Time						np °C_	<u>4</u>	T	
	trix: S - Soil, Sd - S				 so other arrangements are made. Ha				_			-	-	nt exper	ss, v - VOA se. The report	for the analysis	of the above
					bry with this COC. The liability of the	-										t for the analysis	
																-	_

	ge 1: <u>Client: De</u> Project:	Project Manager:	Address:	City, State	Phone: 5	Email: ag	ľ		Time Sampled	1722	1000	1047 ₹	1034	1048	1042	1038	OHO	1310	1312	1308	Additiona	I, (field sampled by: _	Relinquished by:	Relinquished by:	Religiushe	Relinquishe	Sample Matri
Clie	Devon Pa	I. I		City, State, Zip: Carlsbad NM, 88220	Phone: 575-988-0055	Email: agiovengo@ensolum.com			Date Sampled	2/7/2025		2/7/2025	2/7/2025	2/7/2025	2/7/2025	2/7/2025	2/7/2025	2/7/2025	2/7/2025	2/7/2025	Additional Instructions: Please CC: cburton@ensolubimmons@ensolum.com, igonzalez@ensolum.com	l, (field sampler), attest to the v Sampled by: _Higinio Gonzalez	d by: (Signature)	d by: (Signator)	dby: (Signature)	Relinquished by: (Signature)	Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
<b>Client Information</b>	Paint 4-33 Fed Com #712H	Ashley Giovengo	nal Parks I	bad NM, 8	J	nsolum.co			Matrix	s		S	S	S	s	s	S	S	S	S	3	e validity and ez	re		re	re)	olid, Sg - Slud
ation	ed Com #	engo	HWY	38220		m			No. of Containers			1	1	1	1	1	1	1	1	1	se CC: ct nzalez@	authenticity	Date	Date 2	Date	Date	ge, A - Aque
	¥712H							San		Ц	ŀ	FS	54	FS 51	FS SG	FS	F561	FS	54	54	ourton@ ensolum	of this sam	Date Z~ 10-25	Date 7-10-25	5 75		ous, 0 - Oth
								Sample Information		20		FS 44	5454	516	6 6	576	6	F5 19 (	ES 20 (	<i>►SZ</i> (	ensolum 1.com	ple. I am av				Time	ĕ
	<u>Com</u>	City.	Phone:	Emai	Misce	Γ		rmation	S	Ð	ł	Ø	$\bigcirc$	19	て	3	0	(9)	(0)	う い	ı.com, a	ware that ta	Ŏ N	2 	3		
=	Company: [ Address: 53	City, State, Zip:	e: (575)	Email: jim.raley@dvn.com	Miscellaneous: Jim Raley				Sample ID	2	C	<i>2</i> .0	<i></i> 0 0	0.5'	0.5	5 Ó	0,5'	0.5'	0.5'	0.5'	gioveng	3mpering W	Received by: (Signature	Received	Served b	Received by: (Signature	
woice Ir	Devon Energy 315 Buena Vist	ip: Carls	(575)689-7597	lev@dv	:: Jim Ra					Ū	Ċ	Ň	Οĩ	,		1					o@enso	ith or inten	y: (Signatu	: (Signatu	y: bignatu	y: (Signatu	
Invoice Information	Company: Devon Energy Address: 5315 Buena Vista Dr	Carlsbad NM, 88220	7	n.com	ley													:			Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.co ı, jgonzalez@ensolum.com	(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.	nature) Bozzaly	Ke)	Ire)	ıre)	
		3220							Field Filter	<u> </u>											m.raley	ing the san	, Date		ڰ	Date	Cont
		 	<u> </u>	L		L			Lab Number	1/		い	13	14	15	16	17	81	19	8	@dvn.cc	nple locatio	ù-25	h 1c	>		Container Typ
	Lab WO#		Π			_			DRO/O		1										ım, iestrella@ensolum.com, chamilton@ensolum.com,	n, date or	Time WW	Time	Z <sup>III</sup>	Time	e: g - glass, p - poly/plastic, ag - amber glass, v - VOA
Lab Use Only	84					<u> </u>			GRO/D BTEX b		╀										rella@	time of o		20<	2		ass, p -
se On			Ana				60	/ 826	VOC by		Γ										ensol	ollectior	L				poly/p
<	Job Number		Analysis and Method						Chlorid		╞										Jm.co	is consi	52 52	<del></del>		>	lastic,
	<b>9</b> "		nd M					-	BGDOC	×	+	<u>×</u>	×	×	×	X	×	×	×	×	m, ch	dered fi	amples requirin ampled or recei	Received on ice.	1	AVG Temp °C	ag - ai
	10		thod			_			RCRA 8		┢										amilt	aud and	quiring t received t daws	on he		emp °	nber (
TAT	2D 3D																				on@e	d may b	hermal p I packed	ire.			glass, v
4	3D V (																				nsolu	e groun	reservati In ice at	<u>}</u>	ក (		- V0/
	Std		$\square$		<u>г</u>	10	1-			_	-										m.co	ds for le	on must an avg te	b Use )/ N			
	×z			SDWA		Compliance	PWSID #														Ę	gal acti	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 subsensent days.	Use Only N			
	X CO		Iצו	0	╞		#	,	Remarks													,	red on ice e O but k		51		
ŝ		i I	1g	CWA	1		1		อ									[					i i i i i i i i i i i i i i i i i i i				1
State	UΤ		gra	Ĺ	<b>_</b>	Ľ		-	à														e day they are han 6 °C on				

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#### **Chain of Custody**

	Clie	nt Inform	ation		Invo	ice Information				La	b Use	Only	Dnly TAT			ГАТ	State	
Client: [	Devon				Company: Dev			Lab	WO#	* 707	J		umber	_	1D 20	3D Std	NM	CO UT TX
Project:			ed Com	712H	Address: 5315			_ E	502	<u>707</u>	8 0	105	<u>8. a</u>	207		X	X	
	<u> Manager: As</u>					Carlsbad NM, 882	20	_										
	3122 Natio				Phone: (575)689		• 	1	<u> </u>	<del>.</del> .	<u> </u>	naly	sis and	Met	nod			A Program
	e, Zip: Carls		88220		Email: jim.raley		1	_									SDWA	CWA RC
	575-988-005. giovengo@e				Miscellaneous: Ji	m Raley											Complian	ce Y or
<u>Email:</u> a	glovengo@e	nsolum.c	om				<u> </u>		8015	8015					"		PWSID #	
<b>.</b>				Sample Info	ormation				-1≥	Â	8021	260	NM 80	¥-s	Aetal			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0 BGDOC • NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks
1306	2/7/2025	S	1	FS27	- @ 0.9	<u> </u>	1	21					X					
1503	2/7/2025	S	1	FS 33	0,0.5	1		22					X					
1305	2/7/2025	s	1	F534	@ 0.6'			23					X					
1255	2/7/2025	s	1	FS4D	@ 0.5'			24					x					
1240		s	1	FS41	<u>C0.5'</u>			25					X					
1234	2/7/2025	s	1	FS47	@ 0.5'			24					<b>x</b>					
					_		Ì											
Addition	al Instructio	ns: Plea	ase CC: ct	urton@ensolun	n.com, agiovengo@	ensolum.com, jim	.raley	@dvn.co	om, ie	estrel	la@en	solu	m.com	, char	nilton@	ensolum.	com,	
				ensolum.com	ware that tampering with c	r intentionally mislabelin	a the ca	mole locatio	n date	or time		ction i	s conside	red frau	d and may	be grounds fo	r legal action.	
	: _Higinio Gonzale	•	outhenticity	or this semple. Tunne	indie that tampering with t		1											
	ed by: ( time tu		Date Z	-10-75 080	Received by: (S	ignature)	Date 2-	W-25		500			samp		ceived pack			on ice the day they a but less than 6 °C or
Modi	ed by thighat	ney	Date	10-25 163	Received by: (S	gnature)	Date 2	./0.2	S Time	174	15		1		on ice:	$\cap$	se Only N	
Relinquish	ed by: (Signatu	re)	Date 2.	10.25 1me	too Call	ignature) Man	Date 2	11.25		<u>S</u>			<u>T1</u>			- <u>T2</u>		<u>T3</u>
Relinquish	ed by: (Signatur	re)	Date	Time	Received by: (S	ignature)	Date		Time					G Ten		4	<b>_</b>	
	rix: S - Soil, Sd - S				ss other arrangements a	ro mado . Ucrossion		tainer Ty									for the area	lysis of the show
samples is	applicable only	to those s	arter resul amples rece	ived by the laborat	ss other arrangements a ory with this COC. The li	ibility of the laborator	y is limi	ted to the	amou	nt paid	for on	the re	port.					
																		ote

## **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

Client:	Devon Energy - Carlsbad D	ate Received:	02/11/25	07:30	Work Order ID:	E502078
Phone:	(505) 382-1211 D	ate Logged In:	02/10/25	16:06	Logged In By:	Caitlin Mars
Email:		ue Date:		17:00 (4 day TAT)		
Chain of	f Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location match	the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	d analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Commen	ts/Resolution
Sample 7	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
12. Was th	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample te	mperature: 4°	С			
	<u>Container</u>	1				
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample container	s collected?	Yes			
<u>Field La</u>						
	field sample labels filled out with the minimum inform	ation:				
S	Sample ID?		Yes			
	Date/Time Collected?		Yes	L		
-	Collectors name?		Yes			
	Preservation		ът.			
	the COC or field labels indicate the samples were pres	ervea?	No			
	ample(s) correctly preserved? • filteration required and/or requested for dissolved met	ale?	NA No			
	· ·	a15 :	No			
	ase Sample Matrix					
<u>Multiph</u>	decomposite the composite of the second s	•	No			
<u>Multiph</u> 26. Does	the sample have more than one phase, i.e., multiphase?					
<u>Multiph</u> 26. Does	the sample have more than one phase, i.e., multiphase s, does the COC specify which phase(s) is to be analyze		NA			
Multiph 26. Does 27. If yes Subcont	s, does the COC specify which phase(s) is to be analyze <b>ract Laboratory</b>	d?	NA			
Multiphe 26. Does 27. If yes Subcont 28. Are s	s, does the COC specify which phase(s) is to be analyze	d?				

e

Date

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

•





5796 U.S. Hwy 64 Farmington, NM 87401

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





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**Practical Solutions for a Better Tomorrow** 

## **Analytical Report**

Devon Energy - Carlsbad

Project Name: 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

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,



Page 163 of 275

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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## 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

## Page 165 of 275

		Sumple Sum	iiimi j		
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	Paint 4-33 Fed Cor 01058-0007 Ashley Giovengo	n 712H	<b>Reported:</b> 02/13/25 12:52
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.



		mpic D				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	r: 0105	t 4-33 Fed C 58-0007 ley Giovenge			<b>Reported:</b> 2/13/2025 12:52:20PM
	S	W01- 0-1.5'				
	]	E502087-01				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	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	
p-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		104 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	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	Α	analyst: SL		Batch: 2507061
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/12/25	02/12/25	
Surrogate: Bromofluorobenzene		104 %	70-130	02/12/25	02/12/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	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	A	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	
Surrogate: n-Nonane		111 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: AK		Batch: 2507067
Chloride	657	20.0	1	02/12/25	02/12/25	





## Sample Data

		ample D	uu				
Devon Energy - Carlsbad	Project Name:		t 4-33 Fed	Com 71	2H		
6488 7 Rivers Hwy	Project Numb		58-0007				Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ey Gioven	igo			2/13/2025 12:52:20PM
		FS05-1'					
		E502087-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-Xylene	0.776	0.0250		1	02/12/25	02/12/25	
o,m-Xylene	1.62	0.0500		1	02/12/25	02/12/25	
Fotal 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	
Dil 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

	5	ample D	ala				
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb	oer: 0103	t 4-33 Fed		12H		Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giover	igo			2/13/2025 12:52:20PM
		FS06-1'					
		E502087-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-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

		ampic D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 010:	t 4-33 Fed ( 58-0007 ley Gioveng		PH		<b>Reported:</b> 2/13/2025 12:52:20PM
		FS09-1.5'					
		E502087-04					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	SL		Batch: 2507061
Benzene	ND	0.0250	1	l	02/12/25	02/12/25	
Ethylbenzene	ND	0.0250	1	l	02/12/25	02/12/25	
Toluene	ND	0.0250	1	l	02/12/25	02/12/25	
p-Xylene	ND	0.0250	1	l	02/12/25	02/12/25	
p,m-Xylene	ND	0.0500	1	l	02/12/25	02/12/25	
Total Xylenes	ND	0.0250	1	l	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: S	SL		Batch: 2507061
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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: A	AF		Batch: 2507064
Diesel Range Organics (C10-C28)	ND	25.0	1	1	02/12/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	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

	5	ample D	ata				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 0103	t 4-33 Fed 58-0007 ley Giover		2H		<b>Reported:</b> 2/13/2025 12:52:20PM
		FS14-1.5'					
		E502087-05					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-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

	5	ample D	ala				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 0103	t 4-33 Fed 58-0007 ley Giover		<b>Reported:</b> 2/13/2025 12:52:20PM		
		FS59-1.5'					
		E502087-06					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-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**

	Project Name: Project Number:	01	058-0007					Reported:			
	Project Manager:	As	hley Gioveng	0			2/	13/2025 12:52:20PM			
Volatile Organic Compounds by EPA 8260B											
	Reporting	Spike	Source		Rec		RPD				
								N. (			
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
						Prepared: 02	2/12/25 Ana	lyzed: 02/12/25			
ND	0.0250										
ND	0.0250										
ND	0.0250										
ND	0.0250										
ND	0.0500										
ND	0.0250										
0.519		0.500		104	70-130						
		0.500		101	70-130						
0.522		0.500		104	70-130						
						Prepared: 02	2/12/25 Ana	lyzed: 02/12/25			
2.09	0.0250	2 50		83.7	70-130	1		5			
	0.0230										
0.510			~			D 1.00		1 1 00/10/05			
			Source:	E502087-	05	Prepared: 02	2/12/25 Ana	lyzed: 02/12/25			
	0.0250										
	0.0250										
	0.0250										
2.38	0.0250	2.50	ND	95.1	43-135						
4.96	0.0500	5.00	ND	99.1	43-135						
7.34	0.0250	7.50	ND	97.8	43-135						
0.505		0.500		101	70-130						
0.499		0.500		99.8	70-130						
0.514		0.500		103	70-130						
			Source:	E502087-	05	Prepared: 02	2/12/25 Ana	lyzed: 02/12/25			
2.21	0.0250	2.50	ND	88.5	48-131	0.698	23				
2.37	0.0250	2.50	ND	95.0	45-135	0.507	27				
2.45	0.0250	2.50	ND	97.8	48-130	0.0409	24				
2.41		2.50	ND	96.5	43-135	1.42	27				
4.99	0.0500	5.00	ND	99.7	43-135	0.603	27				
7.40	0.0250	7.50	ND	98.7	43-135	0.869	27				
0.512		0.500		102	70-130						
		0.500 0.500		102 102	70-130 70-130						
	Result mg/kg ND ND ND ND ND ND 0.519 0.503 0.522 2.09 2.19 2.29 2.17 4.52 6.69 0.499 0.508 0.518 2.23 2.36 2.45 2.38 4.96 7.34 0.505 0.499 0.514	Project Number: Project Manager:           Volatile Organic           Result mg/kg         Reporting Limit mg/kg           ND         0.0250           0.503         0.0250           0.519         0.0250           0.519         0.0250           0.519         0.0250           0.519         0.0250           0.519         0.0250           2.17         0.0250           2.17         0.0250           0.452         0.0500           0.508         0.250           0.459         0.236           0.518         0.0250           2.36         0.0250           2.45         0.0250           0.505         0.499           0.514         0.0250           2.37         0.0250           2.45         0.0250           2.45         0.0250           2.41         0.0250	Project Number:         01           Project Manager:         As           Volatile Organic Comporting mg/kg         Spike Limit mg/kg         Spike Level mg/kg           ND         0.0250           0.503         0.500           0.522         0.500           0.523         0.500           0.524         0.0250           2.19         0.0250           2.17         0.0250           0.508         0.500           0.508         0.500           0.508         0.500           0.518         0.500           0.505         2.50           2.45         0.0250           0.505         0.500           0.505         0.500           0.506         0.500           0.507 </td <td>Project Number:         01058-0007           Project Manager:         Ashley Gioveng           Volatile Organic Compounds by EF           Result         Spike         Source           mg/kg         mg/kg         mg/kg         mg/kg           ND         0.0250         ND           ND         0.0250         mg/kg         mg/kg           ND         0.0250         ND           0.519         0.500         0.500           0.522         0.500         0.500           0.522         0.500         0.500           0.522         0.500         0.500           0.522         0.500         0.500           0.523         0.500         0.500           0.524         0.500         5.00           0.525         2.50         1.50           2.19         0.0250         7.50           0.508         0.500         5.00           0.508         0.500         ND           2.36         <td< td=""><td>Project Number:         01058-0007           Project Manager:         Ashley Giovengo           Volatile Organic Compounds by EPA 82601           Result         Reporting         Spike         Source           Result         mg/kg         mg/kg         mg/kg         Rec           mg/kg         mg/kg         mg/kg         mg/kg         %           ND         0.0250         mg/kg         mg/kg         %           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         104           0.502         0.000         101           0.522         0.500         104           0.523         0.500         104           0.524         0.500         104           0.525         0.500         104           0.522         0.500         83.7           2.19         0.0250         2.50         83.7           2.19         0.0250         2.50         86.8           4.52         0.0500         5.00         90.7           0.508         0.500         90.7         0.508           0.509         <t< td=""><td>Project Number:         01058-0007           Project Manager:         Ashley Giovengo           Volatile Organic Compounds by EPA 8260B           Result         Reporting mg/kg         Spike mg/kg         Source Result mg/kg         Rec Mg/kg         Rec Mg/kg         Rec Mg/kg           ND         0.0250         mg/kg         mg/kg         %         %           ND         0.0250         ND         0.0250         %         %           ND         0.0250         ND         0.06500         104         70-130           0.319         0.300         101         70-130         70-130           0.522         0.500         104         70-130           0.303         0.300         101         70-130           0.522         0.500         83.7         70-130           0.522         0.500         80.3         70-130           2.19         0.0250         2.50         81.5         70-130           2.19         0.0250         2.50         84.8         70-130           2.17         0.0250         2.50         10.4         70-130           0.500         0.500         99.7         77-130           0.503         0.50</td><td>Project Number:         01058-0007           Project Number:         Ashley Giovengo           Volatile Organic         Compounds by EPA 8260B           Result         Reporting Limit         Spike Level         Source Result         Rec Res         Rec Limits         RPD           mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250             Prepared: 02           ND         0.0250              Prepared: 02           ND         0.0250                  Prepared: 02           0.519         0.0250   <!--</td--><td>Project Number:         01058-0007         2/           Volatile Organic Compounds by EPA 8260B         Evel         Result         Rec         Rinks         RPD         Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250         mg/kg         mg/kg         mg/kg         %</td></td></t<></td></td<></td>	Project Number:         01058-0007           Project Manager:         Ashley Gioveng           Volatile Organic Compounds by EF           Result         Spike         Source           mg/kg         mg/kg         mg/kg         mg/kg           ND         0.0250         ND           ND         0.0250         mg/kg         mg/kg           ND         0.0250         ND           0.519         0.500         0.500           0.522         0.500         0.500           0.522         0.500         0.500           0.522         0.500         0.500           0.522         0.500         0.500           0.523         0.500         0.500           0.524         0.500         5.00           0.525         2.50         1.50           2.19         0.0250         7.50           0.508         0.500         5.00           0.508         0.500         ND           2.36 <td< td=""><td>Project Number:         01058-0007           Project Manager:         Ashley Giovengo           Volatile Organic Compounds by EPA 82601           Result         Reporting         Spike         Source           Result         mg/kg         mg/kg         mg/kg         Rec           mg/kg         mg/kg         mg/kg         mg/kg         %           ND         0.0250         mg/kg         mg/kg         %           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         104           0.502         0.000         101           0.522         0.500         104           0.523         0.500         104           0.524         0.500         104           0.525         0.500         104           0.522         0.500         83.7           2.19         0.0250         2.50         83.7           2.19         0.0250         2.50         86.8           4.52         0.0500         5.00         90.7           0.508         0.500         90.7         0.508           0.509         <t< td=""><td>Project Number:         01058-0007           Project Manager:         Ashley Giovengo           Volatile Organic Compounds by EPA 8260B           Result         Reporting mg/kg         Spike mg/kg         Source Result mg/kg         Rec Mg/kg         Rec Mg/kg         Rec Mg/kg           ND         0.0250         mg/kg         mg/kg         %         %           ND         0.0250         ND         0.0250         %         %           ND         0.0250         ND         0.06500         104         70-130           0.319         0.300         101         70-130         70-130           0.522         0.500         104         70-130           0.303         0.300         101         70-130           0.522         0.500         83.7         70-130           0.522         0.500         80.3         70-130           2.19         0.0250         2.50         81.5         70-130           2.19         0.0250         2.50         84.8         70-130           2.17         0.0250         2.50         10.4         70-130           0.500         0.500         99.7         77-130           0.503         0.50</td><td>Project Number:         01058-0007           Project Number:         Ashley Giovengo           Volatile Organic         Compounds by EPA 8260B           Result         Reporting Limit         Spike Level         Source Result         Rec Res         Rec Limits         RPD           mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250             Prepared: 02           ND         0.0250              Prepared: 02           ND         0.0250                  Prepared: 02           0.519         0.0250   <!--</td--><td>Project Number:         01058-0007         2/           Volatile Organic Compounds by EPA 8260B         Evel         Result         Rec         Rinks         RPD         Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250         mg/kg         mg/kg         mg/kg         %</td></td></t<></td></td<>	Project Number:         01058-0007           Project Manager:         Ashley Giovengo           Volatile Organic Compounds by EPA 82601           Result         Reporting         Spike         Source           Result         mg/kg         mg/kg         mg/kg         Rec           mg/kg         mg/kg         mg/kg         mg/kg         %           ND         0.0250         mg/kg         mg/kg         %           ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250           ND         0.0250         104           0.502         0.000         101           0.522         0.500         104           0.523         0.500         104           0.524         0.500         104           0.525         0.500         104           0.522         0.500         83.7           2.19         0.0250         2.50         83.7           2.19         0.0250         2.50         86.8           4.52         0.0500         5.00         90.7           0.508         0.500         90.7         0.508           0.509 <t< td=""><td>Project Number:         01058-0007           Project Manager:         Ashley Giovengo           Volatile Organic Compounds by EPA 8260B           Result         Reporting mg/kg         Spike mg/kg         Source Result mg/kg         Rec Mg/kg         Rec Mg/kg         Rec Mg/kg           ND         0.0250         mg/kg         mg/kg         %         %           ND         0.0250         ND         0.0250         %         %           ND         0.0250         ND         0.06500         104         70-130           0.319         0.300         101         70-130         70-130           0.522         0.500         104         70-130           0.303         0.300         101         70-130           0.522         0.500         83.7         70-130           0.522         0.500         80.3         70-130           2.19         0.0250         2.50         81.5         70-130           2.19         0.0250         2.50         84.8         70-130           2.17         0.0250         2.50         10.4         70-130           0.500         0.500         99.7         77-130           0.503         0.50</td><td>Project Number:         01058-0007           Project Number:         Ashley Giovengo           Volatile Organic         Compounds by EPA 8260B           Result         Reporting Limit         Spike Level         Source Result         Rec Res         Rec Limits         RPD           mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250             Prepared: 02           ND         0.0250              Prepared: 02           ND         0.0250                  Prepared: 02           0.519         0.0250   <!--</td--><td>Project Number:         01058-0007         2/           Volatile Organic Compounds by EPA 8260B         Evel         Result         Rec         Rinks         RPD         Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250         mg/kg         mg/kg         mg/kg         %</td></td></t<>	Project Number:         01058-0007           Project Manager:         Ashley Giovengo           Volatile Organic Compounds by EPA 8260B           Result         Reporting mg/kg         Spike mg/kg         Source Result mg/kg         Rec Mg/kg         Rec Mg/kg         Rec Mg/kg           ND         0.0250         mg/kg         mg/kg         %         %           ND         0.0250         ND         0.0250         %         %           ND         0.0250         ND         0.06500         104         70-130           0.319         0.300         101         70-130         70-130           0.522         0.500         104         70-130           0.303         0.300         101         70-130           0.522         0.500         83.7         70-130           0.522         0.500         80.3         70-130           2.19         0.0250         2.50         81.5         70-130           2.19         0.0250         2.50         84.8         70-130           2.17         0.0250         2.50         10.4         70-130           0.500         0.500         99.7         77-130           0.503         0.50	Project Number:         01058-0007           Project Number:         Ashley Giovengo           Volatile Organic         Compounds by EPA 8260B           Result         Reporting Limit         Spike Level         Source Result         Rec Res         Rec Limits         RPD           mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250             Prepared: 02           ND         0.0250              Prepared: 02           ND         0.0250                  Prepared: 02           0.519         0.0250 </td <td>Project Number:         01058-0007         2/           Volatile Organic Compounds by EPA 8260B         Evel         Result         Rec         Rinks         RPD         Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250         mg/kg         mg/kg         mg/kg         %</td>	Project Number:         01058-0007         2/           Volatile Organic Compounds by EPA 8260B         Evel         Result         Rec         Rinks         RPD         Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250         mg/kg         mg/kg         mg/kg         %			



## **QC Summary Data**

		$\mathbf{x} \in \mathcal{Z}$		ary Data	•				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		Paint 4-33 Fed ( 01058-0007 Ashley Gioveng					<b>Reported:</b> 2/13/2025 12:52:20PM
	N	onhalogenated O	rganic	s by EPA 80	15D - GI	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507061-BLK1)							Prepared: 0	2/12/25 A	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: 0	2/12/25 A	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:	E502087-0	05	Prepared: 0	2/12/25 A	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:	E502087-0	05	Prepared: 0	2/12/25 A	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**

		QC D	umm	ary Data	4				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(	Paint 4-33 Fed 0 01058-0007 Ashley Gioveng		ĺ			<b>Reported:</b> 2/13/2025 12:52:20PM
	Nonh	alogenated Org	anics by	y EPA 8015E	) - 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: 0	2/12/25 A	nalyzed: 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: 0	2/12/25 A	nalyzed: 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: 0	2/12/25 A	nalyzed: 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: 0	2/12/25 A	nalyzed: 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 Gioveng	go				2/13/2025 12:52:20PM
		Anions	by EPA	<b>300.0/9056</b>	۱.				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507067-BLK1)							Prepared: 0	2/12/25	Analyzed: 02/12/25
Chloride	ND	20.0							
LCS (2507067-BS1)							Prepared: 0	2/12/25	Analyzed: 02/12/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2507067-MS1)				Source:	E502087-0	3	Prepared: 0	2/12/25	Analyzed: 02/12/25
Chloride	355	20.0	250	97.2	103	80-120			
Matrix Spike Dup (2507067-MSD1)				Source:	E502087-0	3	Prepared: 0	2/12/25	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.



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.



#### **Chain of Custody**

			Cli	ent	Info	rma	tio	n						Invo	ice Inform	nation					Lab	Use						TAT			State	
Client:	Dev	on									_	C	ompan	ıy: Dev	on Energy			La	b W	20	1	ot	b N	umbe		1	D   20	) 3D	COUTT	x		
Project:							_		712H		Address: 5315 Buena Vista Dr City, State, Zip: Carlsbad NM, 88							E	5	20	61	0	Job Number						X	X		
Project												. –				<u>NM, 882</u>	20		r-													
Address									-		_			(575)68					┝		- T	A	naly	sis an		letho			-	SDWA	PA Program	RCRA
City, Sta Phone:					ad Ni	<u>vi, 8</u>	822	.0			-				@dvn.con	<u>n</u>	-i													JUWA		
Email: a					solun	1.00	m						Scenari	ieous. Ji	m Raley					<u>ا</u> ا										Compliar		or N
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Time Sampled	Da	ite Sa	mpleo	1	Matri	×		o. of alners					Samp	ble ID			Field Filter	Lab Numb	er	DRO/ORO	GRO/DRO by	BTEX by 8021	6- <b>-</b>	Chloride 300.0 BGDDC _ NM		TCEQ 1005 - TX					Remarks	
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## **Envirotech Analytical Laboratory**

nstructions: Please take note of any NO checkmarks.	-	-	Checklist (SRC	·		
we receive no response concerning these items within 24 hours of the date	of this notic	e, all the	samples will be an	lyzed as req	uested.	
Client: Devon Energy - Carlsbad Date R	leceived:	02/12/25	08:00		Work Order ID:	E502087
Phone: (505) 382-1211 Date L	ogged In:	02/11/25	14:54		Logged In By:	Caitlin Mars
Email: agiovengo@ensolum.com Due D	ate:	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	Carrier: C	Courier		
4. Was the COC complete, i.e., signatures, dates/times, requested and	alyses?	Yes	<u> </u>			
5. Were all samples received within holding time?	•	Yes				
Note: Analysis, such as pH which should be conducted in the field	ld,				Common	ts/Resolution
i.e, 15 minute hold time, are not included in this disucssion.					Commen	IS/Resolution
Sample Turn Around Time (TAT)						
6. Did the COC indicate standard TAT, or Expedited TAT?		Yes				
Sample Cooler						
7. Was a sample cooler received?		Yes				
8. If yes, was cooler received in good condition?		Yes				
9. Was the sample(s) received intact, i.e., not broken?		Yes				
10. Were custody/security seals present?		No				
11. If yes, were custody/security seals intact?		NA				
<ul> <li>12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°-3</li> <li>Note: Thermal preservation is not required, if samples are received minutes of sampling</li> <li>13. If no visible ice, record the temperature. Actual sample temperature.</li> </ul>	ed w/i 15	Yes				
	<u> </u>	-				
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				
<ol> <li>19. Is the appropriate volume/weight or number of sample containers col</li> </ol>	laatad?	Yes				
	lecteu?	105				
<b>Field Label</b> 20. Were field sample labels filled out with the minimum informatio						
Sample ID?	11.	Yes				
Date/Time Collected?		Yes				
Collectors name?		Yes				
Sample Preservation						
21. Does the COC or field labels indicate the samples were preserved	d?	No				
22. Are sample(s) correctly preserved?		NA				
24. Is lab filteration required and/or requested for dissolved metals?		No				
Multiphase Sample Matrix						
26. Does the sample have more than one phase, i.e., multiphase?		No				
27. If yes, does the COC specify which phase(s) is to be analyzed?		NA				
Subcontract Laboratory						
28. Are samples required to get sent to a subcontract laboratory?		No				
29. Was a subcontract laboratory specified by the client and if so wh	o?	NA	Subcontract Lab	: NA		
Client Instruction						

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







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: E502092

Job Number: 01058-0007

Received: 2/12/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 2/18/25

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: 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,



Page 180 of 275

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com
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# 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 Summarv

Devon Energy - Carlsbad		Project Name:	Paint 4-33 Fed Com	712H	
6488 7 Rivers Hwy	Project Number:	Reported:			
Artesia NM, 88210		Project Manager:	01058-0007 Ashley Giovengo		02/18/25 11:41
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
501-0.5'	E502092-01A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
\$02-0.5'	E502092-02A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
\$03-0.5'	E502092-03A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
\$04-0.5'	E502092-04A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
507-0.5'	E502092-05A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
508-0.5'	E502092-06A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
510-1'	E502092-07A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
\$13-0.5'	E502092-08A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
315-0.5'	E502092-09A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
516-1.5'	E502092-10A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
321-1'	E502092-11A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
322-0.5'	E502092-12A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
23-1.5'	E502092-13A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
28-0.5'	E502092-14A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
29-0.5'	E502092-15A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
35-0.5'	E502092-16A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
36-0.5'	E502092-17A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
42-0.5'	E502092-18A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
43-0.5'	E502092-19A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
548-1'	E502092-20A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
49-1'	E502092-21A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
50-0.5'	E502092-22A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
354-1'	E502092-23A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
355-1'	E502092-24A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
60-1'	E502092-25A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
58-1'	E502092-26A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
53-1'	E502092-27A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
546-1'	E502092-28A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
512-1'	E502092-29A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.
52-1'	E502092-30A	Soil	02/10/25	02/12/25	Glass Jar, 2 oz.



		impic D				
Devon Energy - Carlsbad	Project Name:		t 4-33 Fed C	om 712H		
6488 7 Rivers Hwy	Project Number			Reported:		
Artesia NM, 88210	Project Manage	er: Ash	ley Giovengo	0		2/18/2025 11:41:16AN
		FS01-0.5'				
	]	E502092-01				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	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	
p-Xylene	ND	0.0250	1	02/12/25	02/13/25	
o,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Fotal 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		96.0 %	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	A	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	-	96.0 %	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/ORC	) mg/kg	mg/kg	А	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		101 %	61-141	02/12/25	02/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: AK		Batch: 2507072
Chloride	48.0	20.0	1	02/12/25	02/12/25	





## Sample Data

	D	ample D	uu				
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name:Paint 4-33 Fed Com 712HProject Number:01058-0007Project Manager:Ashley Giovengo					<b>Reported:</b> 2/18/2025 11:41:16AM	
Artesia NM, 88210	Project Mana	ger: Asn	ley Glover	igo			2/18/2023 11:41:10AN
		FS02-0.5'					
		E502092-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-Xylene	ND	0.0250		1	02/12/25	02/13/25	
o,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

	L.	bample D	ata				
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Nam Project Num	t 4-33 Fed 58-0007	Com 7	Reported:			
Artesia NM, 88210	Project Man	ager: Ash	ley Giover	ngo			2/18/2025 11:41:16AM
		FS03-0.5'					
		E502092-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-Xylene	ND	0.0250		1	02/12/25	02/13/25	
o,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

		ampic D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 0103	t 4-33 Fed 58-0007 ley Gioven		2Н		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS04-0.5'					
		E502092-04					
Analyte	Result	Reporting Limit	Dil	ution	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

		ampic D				
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Numbe		t 4-33 Fed C 58-0007	Com 712H		Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Gioveng	0		2/18/2025 11:41:16AM
		FS07-0.5'				
		E502092-05				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	
p-Xylene	ND	0.0250	1	02/12/25	02/13/25	
p,m-Xylene	ND	0.0500	1	02/12/25	02/13/25	
Fotal 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	A	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	A	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	A	Analyst: AK		Batch: 2507072
Chloride	150	20.0	1	02/12/25	02/12/25	



# Sample Data

		ampic D	uu				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manag	er: 0105	t 4-33 Fed 58-0007 ley Gioven		2Н		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS08-0.5'					
		E502092-06					
Analyte	Result	Reporting Limit	Dilı	ution	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	
p-Xylene	ND	0.0250		1	02/12/25	02/13/25	
o,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

	D	ample D	ala				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Num Project Mana	ber: 0103	t 4-33 Fed 58-0007 ley Giover		12H		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS10-1'					
		E502092-07					
		Reporting					
Analyte	Result	Limit	Dil	lution	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	
p-Xylene	ND	0.0250		1	02/12/25	02/12/25	
o,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

	~•	impic D					
Devon Energy - Carlsbad	Project Name:	D (1					
6488 7 Rivers Hwy Artesia NM, 88210	Project Numbe Project Manag		58-0007 ley Giover		<b>Reported:</b> 2/18/2025 11:41:16AM		
Anesia Nivi, 88210	Flojeet Mailag	ci. Asii	ley Glover	igo			2/16/2023 11.41.10AW
		FS13-0.5'					
		E502092-08					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-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

	~	ampic D					
Devon Energy - Carlsbad	Project Name:		t 4-33 Fed	d Com 71	2H		
6488 7 Rivers Hwy	Project Number						Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giover	ngo			2/18/2025 11:41:16AM
		FS15-0.5'					
		E502092-09					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	0.0755	0.0250		1	02/12/25	02/13/25	
o,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	
Dil 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

		imple D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 010	t 4-33 Fed 58-0007 ley Giover		12H		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS16-1.5'					
	]	E502092-10					
Analyte	Result	Reporting Limit	Dil	lution	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

		ample D	aca				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 010:	t 4-33 Fed 58-0007 ley Gioven		2Н		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS21-1'					
		E502092-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-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:	КН		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

	5	ample D	ata				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 0105	t 4-33 Fed 58-0007 ley Giover		12H		<b>Reported:</b> 2/18/2025 11:41:16AM
7 Hosta For, 602 F0	i iojeet Mana	<u> </u>		150			2,10,2020 1111110111
		FS22-0.5'					
		E502092-12					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
o,m-Xylene	ND	0.0500		1	02/12/25	02/13/25	
Fotal 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	g 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	
Dil 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

	5	ample D	ala				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbo Project Manag	er: 0103	t 4-33 Fed 58-0007 ley Gioven		12H		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS23-1.5'					
		E502092-13					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-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	'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

		mpic D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manage	r: 010:	t 4-33 Fed 58-0007 ley Gioven		2Н		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS28-0.5'					
	]	E502092-14					
Analyte	Result	Reporting Limit	Dil	ution	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

		mpic D	uu				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Number Project Manage		t 4-33 Fec 58-0007 ley Giover		2Н		<b>Reported:</b> 2/18/2025 11:41:16AM
	-	FS29-0.5'					
	Ι	2502092-15					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-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

	D	ample D	uu				
Devon Energy - Carlsbad	Project Name	e: Pain	t 4-33 Fed	l Com 71	12H		
6488 7 Rivers Hwy	Project Numb		58-0007				Reported:
Artesia NM, 88210	Project Mana	ger: Ash	ley Giover	ngo			2/18/2025 11:41:16AM
		FS35-0.5'					
		E502092-16					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-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

	54	mpic D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Number Project Manage	: 010:	t 4-33 Fed 58-0007 ley Gioven		2Н		<b>Reported:</b> 2/18/2025 11:41:16AM
	]	FS36-0.5'					
	H	502092-17					
Analyte	Result	Reporting Limit	Dil	ution	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	
p-Xylene	ND	0.0250		1	02/12/25	02/13/25	
o,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

		mpic D					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Number Project Manage		t 4-33 Fed 58-0007 ley Gioven		12H		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS42-0.5'					
	I	502092-18					
Analyte	Result	Reporting Limit	Dil	ution	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

	Da	mpie D	utu				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Number Project Manage		t 4-33 Fed 58-0007 ley Gioven		2Н		<b>Reported:</b> 2/18/2025 11:41:16AM
Artesia Nivi, 66210	, 6			igo			2/10/2025 11.41.10/114
		FS43-0.5'					
	I	2502092-19					
		Reporting					
Analyte	Result	Limit	Dil	ution	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

	D	ample D	ala				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 0103	t 4-33 Fed 58-0007 ley Gioven		12H		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS48-1'					
		E502092-20					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-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	
Dil 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

	5	ample D	ata				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	oer: 010	t 4-33 Fed 58-0007 ley Gioven		12H		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS49-1'					
		E502092-21					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-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	g 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

	D	ample D	ata				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 0105	t 4-33 Fed 58-0007 ley Giover		12H		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS50-0.5'					
		E502092-22					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-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**

	D	ample D	uu				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 0105	t 4-33 Fec 58-0007 ley Giover		12H		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS54-1'					
		E502092-23					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	02/12/25	02/13/25	
o,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

		ample D	uta				
Devon Energy - Carlsbad	Project Name:		t 4-33 Fed	Com 71	2Н		
6488 7 Rivers Hwy	Project Numbe		58-0007				Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ey Gioven	go			2/18/2025 11:41:16AN
		FS55-1'					
		E502092-24					
		Reporting					
Analyte	Result	Limit	Dih	ution	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	g/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

	5	ample D	ata				
Devon Energy - Carlsbad	Project Name		t 4-33 Fed	Com 7	12H		
6488 7 Rivers Hwy	Project Numb		58-0007	Reported:			
Artesia NM, 88210	Project Mana	ger: Ash	ley Gioven	igo			2/18/2025 11:41:16AM
		FS60-1'					
		E502092-25					
		Reporting					
Analyte	Result	Limit	Dil	ution	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	
p-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

		ample D	uu				
Devon Energy - Carlsbad	Project Name:		t 4-33 Fed	Com 71	12H		
6488 7 Rivers Hwy	Project Numb		58-0007				<b>Reported:</b>
Artesia NM, 88210	Project Manag	ger: Ash	ley Giover	ıgo			2/18/2025 11:41:16AN
		FS58-1'					
		E502092-26					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-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	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

		ampic D	uu				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 0105	t 4-33 Fed 58-0007 ley Giover		12H		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS53-1'					
		E502092-27					
Analyte	Result	Reporting Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	02/12/25	02/13/25	
o,m-Xylene	ND	0.0500		1	02/12/25	02/13/25	
Fotal 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

	<b>D</b>	ampie D	uu				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 0103	t 4-33 Fed 58-0007 ley Giover		12H		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS46-1'					
		E502092-28					
Analyte	Result	Reporting Limit	Dil	ution	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	
p-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

	56	ample D	uta				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 0105	t 4-33 Fed 58-0007 ley Gioven		2Н		<b>Reported:</b> 2/18/2025 11:41:16AM
		FS12-1'					
	-	E502092-29					
Analyte	Result	Reporting Limit	Dilt	ution	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	
Fotal 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

	5	ample D	ata				
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb		t 4-33 Fed 58-0007	Com 71	2Н		Reported:
Artesia NM, 88210	Project Mana	ger: Ash	ley Gioven	igo			2/18/2025 11:41:16AM
		FS52-1'					
		E502092-30					
		Reporting					
Analyte	Result	Limit	Dil	ution	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**

			Reported:						
		2	/18/2025 11:41:16AM						
Volatile Organic Compounds by EPA 8260B									
		RPD							
RPD		Limit							
%	%	%	Notes						
Prepared: 02	repared: 02	2/12/25 An	alyzed: 02/12/25						
Prepared: 0	repared: 02	2/12/25 An	alyzed: 02/12/25						
	-		-						
Prepared: 02	repared: 02	2/12/25 An	alyzed: 02/12/25						
Prepared: 02	repared: 02	2/12/25 An	alyzed: 02/12/25						
1.64	1.64	23							
1.67	1.67	27							
1.50	1.50	24							
3.45	3.45	27							
3.45	3.45	27							
3.45		27							
		3.45	3.45 27						



# **QC Summary Data**

		<u>v</u> c 51		Ty Data					
Devon Energy - Carlsbad		Project Name:		int 4-33 Fed C	Com 712H				Reported:
6488 7 Rivers Hwy		Project Number:	01	058-0007					
Artesia NM, 88210		Project Manager:	As	hley Gioveng	o			2/1	8/2025 11:41:16AM
	,	Volatile Organic	3	Analyst: RKS					
Analyte		Reporting	Spike	Source		Rec		RPD	
-	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507068-BLK1)							Prepared: 02	2/12/25 Ana	lyzed: 02/13/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Foluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,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	2/12/25 Ana	lyzed: 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			
p-Xylene	2.31	0.0250	2.50		92.5	70-130			
	4.60		5.00		92.0	70-130			
o,m-Xylene	6.91	0.0500 0.0250	7.50		92.0	70-130			
Total Xylenes		0.0230	0.500		99.0	70-130			
Surrogate: Bromofluorobenzene	0.495								
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)					E502092-3		Prepared: 02	2/12/25 Ana	lyzed: 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			
p-Xylene	2.15	0.0250	2.50	ND	86.2	43-135			
o,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:	E502092-3	30	Prepared: 02	2/12/25 Ana	lyzed: 02/13/25
(13D1)				ND	87.0	48-131	0.184	23	
Benzene	2.18	0.0250	2.50	ND					
	2.20	0.0250 0.0250	2.50	ND	88.0	45-135	0.342	27	
Benzene						45-135 48-130	0.342 0.795	27 24	
Benzene Ethylbenzene	2.20	0.0250	2.50	ND	88.0				
Benzene Ethylbenzene Foluene	2.20 2.15	0.0250 0.0250	2.50 2.50	ND ND	88.0 85.9	48-130	0.795	24	
Benzene Ethylbenzene Foluene 5-Xylene	2.20 2.15 2.20	0.0250 0.0250 0.0250	2.50 2.50 2.50	ND ND ND	88.0 85.9 88.0	48-130 43-135	0.795 2.16	24 27	
Benzene Ethylbenzene Foluene o-Xylene o,m-Xylene	2.20 2.15 2.20 4.41	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 5.00	ND ND ND ND	88.0 85.9 88.0 88.2	48-130 43-135 43-135	0.795 2.16 1.94	24 27 27	
Benzene Ethylbenzene Toluene o-Xylene o.m-Xylene Total Xylenes	2.20 2.15 2.20 4.41 6.61	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 5.00 7.50	ND ND ND ND	88.0 85.9 88.0 88.2 88.1	48-130 43-135 43-135 43-135	0.795 2.16 1.94	24 27 27	



# **QC Summary Data**

		QU DI		ary Data	u				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(	Paint 4-33 Fed 0 01058-0007 Ashley Gioveng					<b>Reported:</b> 2/18/2025 11:41:16AM
	No		Analyst: SL						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507063-BLK1)							Prepared: 0	2/12/25	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: 0	2/12/25	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:	E502092-0	)7	Prepared: 0	2/12/25	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-(	)7	Prepared: 0	2/12/25	Analyzed: 02/13/25
Gasoline Range Organics (C6-C10)	60.3	20.0	50.0	ND	121	70-130	1.07	20	
			0.500		104	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70 150			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.518 0.482		0.500		96.4	70-130			


## **QC Summary Data**

			-	ary Data	-				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		Paint 4-33 Fed C 01058-0007 Ashley Gioveng					<b>Reported:</b> 2/18/2025 11:41:16AM
	No	onhalogenated O	rganic	s by EPA 801	15D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507068-BLK1)							Prepared: 0	2/12/25	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: 0	2/12/25	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:	E502092-3	30	Prepared: 0	2/12/25	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:	E502092-3	30	Prepared: 0	2/12/25	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			



## **QC Summary Data**

		QU D	<b>u</b> 111111	ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(	Paint 4-33 Fed ( )1058-0007 Ashley Gioveng		[			<b>Reported:</b> 2/18/2025 11:41:16AM
	Nonha	alogenated Org	ganics by	y EPA 8015I	) - DRO	/ORO			Analyst: KH
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2507065-BLK1)							Prepared: 0	2/12/25 A	nalyzed: 02/12/25
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	48.6		50.0		97.2	61-141			
LCS (2507065-BS1)							Prepared: 0	2/12/25 A	nalyzed: 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: 0	2/12/25 A	nalyzed: 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: 0	2/12/25 A	nalyzed: 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**

		QU N	u 111111	ary Data					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(	Paint 4-33 Fed ( )1058-0007 Ashley Gioveng					<b>Reported:</b> 2/18/2025 11:41:16AM
	Nonha	alogenated Org	anics by	y EPA 8015I	) - DRO	/ORO			Analyst: KH
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2507066-BLK1)							Prepared: 0	2/12/25 A	nalyzed: 02/12/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36) Surrogate: n-Nonane	ND 56.4	50.0	50.0		113	61-141			
LCS (2507066-BS1)							Prepared: 0	2/12/25 A	nalyzed: 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:	E502092-2	24	Prepared: 0	2/12/25 A	nalyzed: 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:	E502092-2	24	Prepared: 0	2/12/25 A	nalyzed: 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**

		<b>C</b>	-						
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 Gioveng	go				2/18/2025 11:41:16AN
		Anions	by EPA	300.0/9056	١				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507071-BLK1)							Prepared: 0	2/12/25	Analyzed: 02/12/25
Chloride	ND	20.0							
LCS (2507071-BS1)							Prepared: 0	2/12/25	Analyzed: 02/13/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2507071-MS1)				Source:	E502091-0	)1	Prepared: 0	2/12/25	Analyzed: 02/13/25
Chloride	1100	20.0	250	875	89.2	80-120			
Matrix Spike Dup (2507071-MSD1)				Source:	E502091-0	)1	Prepared: 0	2/12/25	Analyzed: 02/13/25
Chloride	1130	20.0	250	875	102	80-120	2.79	20	



## **QC Summary Data**

				J					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Paint 4-33 Fed 01058-0007	Com 712H				Reported:
Artesia NM, 88210		Project Manager	:	Ashley Gioven	go				2/18/2025 11:41:164
		Anions	by EPA	300.0/9056	4				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2507072-BLK1)							Prepared: 0	2/12/25	Analyzed: 02/12/25
Chloride	ND	20.0							
LCS (2507072-BS1)							Prepared: 0	2/12/25	Analyzed: 02/12/25
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2507072-MS1)				Source:	E502092-0	2	Prepared: 0	2/12/25	Analyzed: 02/12/25
Chloride	397	20.0	250	121	110	80-120			
Matrix Spike Dup (2507072-MSD1)				Source:	E502092-0	2	Prepared: 0	2/12/25	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.



Γ	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.



Page 222 of 275



		Clie	ent	Infor	mati	ion					Invoice Ir	formation				l	ab	Use O	nly				TA	Т			Sta	te
Client: D	)evor						-		_		mpany: Devon Er			La	b W	0#		Job	Nu	mber		1D	2D	3D St		NM	CO UT	ТХ
Project:				<u>t 4-33</u>			#712	<u>H</u>			dress: 5315 Buen			—  E	<b>O</b> (	SZCP	12	. 0	05	Sia	N			X	_ Ľ	x		
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Phone:					<u>, oo</u>	220					cellaneous: Jim Ra														-		CUIA	
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Time Sampled	Date	Sampled		Matrix		No. of Containers					Sample ID		Field Filter	Lab Numbe	er	DRO/ORO by GRO/DRO by		BIEX BY 8021 VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		_			Remark	s
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## **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

	s: Please take note of any NO checkmarks.	-	-	Checklist (SRC	·		
ve receiv	e no response concerning these items within 24 hours of the o	late of this not	ice, all the	samples will be an	alyzed as req	uested.	
Client:	Devon Energy - Carlsbad Da	te Received:	02/12/25	08:00		Work Order ID:	E502092
Phone:	(505) 382-1211 Da	ate Logged In:	02/11/25	15:28		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com Du	ie Date:	02/18/25	5 17:00 (4 day TAT)			
Chain o	of Custody (COC)						
1. Does	the sample ID match the COC?		Yes				
	the number of samples per sampling site location match	the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier:	Courier		
4. Was t	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes	cumon	counter		
	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	·	Yes			<u>Commen</u>	ts/Resolution
Sample	Turn Around Time (TAT)						
	ne COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	Cooler						
7. Was a	a sample cooler received?		Yes				
8. If yes	, was cooler received in good condition?		Yes				
9. Was t	he sample(s) received intact, i.e., not broken?		Yes				
10. Wer	e custody/security seals present?		No				
11. If ye	s, were custody/security seals intact?		NA				
12. Was 1	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes				
13. If nc	visible ice, record the temperature. Actual sample tem	nperature: 4 <sup>c</sup>	°C				
	Container	I					
	aqueous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?		Yes				
	e appropriate volume/weight or number of sample containers	collected?	Yes				
Field La							
	e field sample labels filled out with the minimum inform	ation:					
1	Sample ID?		Yes				
	Date/Time Collected?		Yes		L		
	Collectors name?		Yes				
-	Preservation	10					
	s the COC or field labels indicate the samples were prese	ervea?	No				
	sample(s) correctly preserved?	1-9	NA				
	b filteration required and/or requested for dissolved meta	115 (	No				
	nase Sample Matrix						
	s the sample have more than one phase, i.e., multiphase?		No				
	es, does the COC specify which phase(s) is to be analyzed	17	NA				
	tract Laboratory						
	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 La	b: NA		
<u>Client</u>	Instruction						



Date

envirotech Inc.

Released to Imaging: 3/24/2025 10:11:51 AM





5796 U.S. Hwy 64 Farmington, NM 87401

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





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## **Analytical Report**

Devon Energy - Carlsbad

Project Name: Paint 4-3

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,



Page 228 of 275

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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## 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**

		Sample Sum	mary		
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	Paint 4-33 Fed Cor 01058-0007 Ashley Giovengo	m 712H	<b>Reported:</b> 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.



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manaş	oer: 0103	t 4-33 Fed Com 7 58-0007 ley Giovengo	712H		<b>Reported:</b> 3/10/2025 2:42:29PM
		FS05-2'				
		E503030-01				
		Reporting				
Analyte	Result	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	
p-Xylene	ND	0.0250	1	03/05/25	03/07/25	
o,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Fotal Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2510078
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/07/25	
Dil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/07/25	
Surrogate: n-Nonane		99.9 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2510085
Chloride	117	20.0	1	03/05/25	03/05/25	



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Devon Energy - Carlsbad	Project Name	: Pain	t 4-33 Fed Com 7	12H		
6488 7 Rivers Hwy	Project Numb	er: 0105	58-0007			Reported:
Artesia NM, 88210	Project Manag	ger: Ash		3/10/2025 2:42:29PM		
		FS06-2'				
		E503030-02				
		Reporting				
Analyte	Result	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	
o,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
urrogate: 4-Bromochlorobenzene-PID		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	
urrogate: 1-Chloro-4-fluorobenzene-FID		98.9 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: KH			Batch: 2510078
Diesel Range Organics (C10-C28)	144	25.0	1	03/05/25	03/07/25	
Dil Range Organics (C28-C36)	74.2	50.0	1	03/05/25	03/07/25	
Surrogate: n-Nonane		101 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2510085
Chloride	26.3	20.0	1	03/05/25	03/05/25	



	D		ata			
Devon Energy - Carlsbad	Project Name	e: Pair	t 4-33 Fed Com 7	12H		
6488 7 Rivers Hwy	Project Numb	oer: 010	58-0007			Reported:
Artesia NM, 88210	Project Mana	ger: Ash	ley Giovengo	3/10/2025 2:42:29PM		
		FS22-1'				
		E503030-03				
		Reporting				
Analyte	Result	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	
p-Xylene	ND	0.0250	1	03/05/25	03/07/25	
o,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		100 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: DT		Batch: 2510085
Chloride	1660	20.0	1	03/05/25	03/05/25	



	5	ampic D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	it 4-33 Fed Com 7 58-0007 ley Giovengo		<b>Reported:</b> 3/10/2025 2:42:29PM	
		FS29-1'				
		E503030-04				
		Reporting				
Analyte	Result	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	
p-Xylene	ND	0.0250	1	03/05/25	03/07/25	
o,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Fotal Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.6 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	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	
Surrogate: n-Nonane		102 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2510085
Chloride	67.9	20.0	1	03/05/25	03/05/25	



	<b>D</b>	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb		t 4-33 Fed Com 58-0007	712H		Reported:
Artesia NM, 88210	Project Manager:		ley Giovengo		3/10/2025 2:42:29PM	
		FS42-1'				
		E503030-05				
		Reporting				
Analyte	Result	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	
o,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
urrogate: 4-Bromochlorobenzene-PID		114 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.8 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: KH			Batch: 2510078
Diesel Range Organics (C10-C28)	286	25.0	1	03/05/25	03/07/25	
Dil Range Organics (C28-C36)	366	50.0	1	03/05/25	03/07/25	
Surrogate: n-Nonane		104 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2510085
Chloride	724	20.0	1	03/05/25	03/05/25	



		impic D	aca			
Devon Energy - Carlsbad	Project Name:	Pair	t 4-33 Fed Com 7	12H		
6488 7 Rivers Hwy	Project Numbe	er: 010	58-0007			Reported:
Artesia NM, 88210	Project Manag	er: Ash	ley Giovengo	3/10/2025 2:42:29PM		
		FS43-1'				
	-	E503030-06				
		Reporting				
Analyte	Result	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	
p-Xylene	ND	0.0250	1	03/05/25	03/07/25	
o,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: 4-Bromochlorobenzene-PID		114 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2510082
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2510078
Diesel Range Organics (C10-C28)	90.1	25.0	1	03/05/25	03/07/25	
Dil Range Organics (C28-C36)	59.0	50.0	1	03/05/25	03/07/25	
Surrogate: n-Nonane		106 %	61-141	03/05/25	03/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2510085
Chloride	1960	20.0	1	03/05/25	03/05/25	



Page 237 of 275

Devon Energy - Carlsbad	Project Name:	Pain	t 4-33 Fed Com 7	12H								
6488 7 Rivers Hwy	Project Numbe	er: 010:	58-0007			Reported:						
Artesia NM, 88210	Project Manag	er: Ash	Ashley Giovengo			3/10/2025 2:42:29PM						
	F853-1.5'											
	]	E503030-07										
Reporting												
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes						
Volatile Organics by EPA 8021B	mg/kg	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							
o,m-Xylene	ND	0.0500	1	03/05/25	03/07/25							
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25							
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	03/05/25	03/07/25							
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2510082						
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25							
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	03/05/25	03/07/25							
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2510078						
Diesel Range Organics (C10-C28)	ND	25.0	1	03/05/25	03/07/25							
Dil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/07/25							
Surrogate: n-Nonane		105 %	61-141	03/05/25	03/07/25							
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2510085						
Chloride	297	20.0	1	03/05/25	03/05/25							

	D	ampic D						
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	oer: 0103	t 4-33 Fed C 58-0007 ley Giovengo				<b>Reported:</b> 3/10/2025 2:42:29PM	
		FS56-1.5'						
		E503030-08						
		Reporting						
Analyte	Result	Limit	Dilut	ion Pr	epared	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		
o,m-Xylene	ND	0.0500	1	03	/05/25	03/07/25		
Total Xylenes	ND	0.0250	1	03	/05/25	03/07/25		
urrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	03	/05/25	03/07/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL			Batch: 2510082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03	/05/25	03/07/25		
urrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	03	/05/25	03/07/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH			Batch: 2510078	
Diesel Range Organics (C10-C28)	254	25.0	1	03	/05/25	03/07/25		
Dil Range Organics (C28-C36)	224	50.0	1	03	/05/25	03/07/25		
urrogate: n-Nonane		107 %	61-141	03	/05/25	03/07/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	Analyst: DT			Batch: 2510085	
Chloride	1640	20.0	1	03	/05/25	03/05/25		

	~•	imple D								
Devon Energy - Carlsbad	Project Name:	Pain	t 4-33 Fed Com 7	12H						
6488 7 Rivers Hwy	Project Numbe	er: 0103	58-0007			Reported:				
Artesia NM, 88210	Project Manag	er: Ash	ley Giovengo		3/10/2025 2:42:29PM					
	,	SW02- 0-2'								
		E503030-09								
Reporting										
Analyte	Result	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					
o,m-Xylene	ND	0.0500	1	03/05/25	03/07/25					
Fotal Xylenes	ND	0.0250	1	03/05/25	03/07/25					
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	03/05/25	03/07/25					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: SL		Batch: 2510082				
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25					
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	03/05/25	03/07/25					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: KH			Batch: 2510078				
Diesel Range Organics (C10-C28)	485	25.0	1	03/05/25	03/07/25					
Dil Range Organics (C28-C36)	338	50.0	1	03/05/25	03/07/25					
Surrogate: n-Nonane		105 %	61-141	03/05/25	03/07/25					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2510085				
Chloride	3430	40.0	2	03/05/25	03/05/25					



## **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	aint 4-33 Fed 1058-0007 shley Giovens					<b>Reported:</b> 3/10/2025 2:42:29PM
Aitesia NNi, 86210		, 6			-				5/10/2025 2.42.291 W
		Volatile O	rganics	by EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2510082-BLK1)							Prepared: 0	3/05/25 A	nalyzed: 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: 0	3/05/25 A	nalyzed: 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:	E503029-0	5	Prepared: 0	3/05/25 A	nalyzed: 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			5	Prepared: 0	3/05/25 A	nalyzed: 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**

		QC D	u	ary Data	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	0	Paint 4-33 Fed 1058-0007 Ashley Gioveng		[			<b>Reported:</b> 3/10/2025 2:42:29PM
Artesia NM, 88210		Project Manager	: P	Ashley Gloveng	go				5/10/2023 2:42:29PM
	Noi	nhalogenated (	Organics	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2510082-BLK1)							Prepared: 0	3/05/25 A	nalyzed: 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: 0	3/05/25 A	nalyzed: 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: 0	3/05/25 A	nalyzed: 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: 0	3/05/25 A	nalyzed: 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**

		QU D	u 111111		4				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(	Paint 4-33 Fed 0 01058-0007 Ashley Gioveng		[			<b>Reported:</b> 3/10/2025 2:42:29PM
	Nonha	alogenated Org	anics by	y EPA 8015E	) - 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: 0	3/05/25 A	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: 0	3/05/25 A	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: 0	3/05/25 A	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: 0	3/05/25 A	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**

		<b>Reported:</b> 3/10/2025 2:42:29PM
		Analyst: DT
RPD	RPD Limit	
%	%	Notes
Prepared: 03/0	)5/25 Ar	nalyzed: 03/05/25
Prepared: 03/0	)5/25 Ar	nalyzed: 03/05/25
Prepared: 03/0	)5/25 Ar	nalyzed: 03/05/25
		M4
Prepared: 03/0	)5/25 Ar	nalyzed: 03/05/25
0.068	20	M4
) )	Prepared: 03/0 Prepared: 03/0 Prepared: 03/0	Prepared: 03/05/25 An Prepared: 03/05/25 An Prepared: 03/05/25 An Prepared: 03/05/25 An 0.968 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.



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

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

- Did Not Ignite DNI
- DNR Did not react with the addition of acid or base.

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

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



Page 244 of 275



	Clier	nt Inform	ation		Invoice Inform	ation				La	b Use	e Oni	ly				TAT		State
Client: Devon			Company: Devon Energy				Lab WO# Job Number					1	D 21	) 3D	Std	NM CO UT TX			
Project:		int 4-33 F	ed Com #	712H	Address: 5315 Buena Vist	a Dr		EF	507	302	50	)kc	58.0	200	1			Х	X
Project I	Manager: As	hley Giov	engo		City, State, Zip: Carlsbad	NM, 88220													
Address	: 3122 Natio	nal Parks	Hwy		Phone: (575)689-7597		_				Anal	lysis a	ind P	/lethc	ld j			EPA Program	
<u>City, Sta</u>	te, Zip: Carls	bad NM,	88220		Email: jim.raley@dvn.con	n													SDWA CWA RC
	<u>575-988-005</u>				Miscellaneous: Jim Raley														
<u>Email: a</u>	igiovengo@e	<u>nsolum.c</u>	om			_			8015	15									Compliance Y or
s										ъу 80	12	8	8	Σ	¥ :				PWSID #
	1		<u> </u>	Sample Info	ormation		<u> </u>	l a b	e Se	80 080	PV 80	v 82	е Ж	ÿ	SOO	ž			Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field	elle Nu	Lab Imber	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	KCHA & Metals			
12:15	3/3/2025	S	1		FS05 - 2'			Į.						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'		1	4						x					
12:32	3/3/2025	S	1		FS42 - 1'			5						x					
11:48	3/3/2025	s	1		FS43 - 1'		(	Ø						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'		(	7						x					
Additio	nal Instructio	ns: Plea	ase CC: cb	urton@ensolun	m.com, agiovengo@ensolum.c	com, jim.rale	ey@d	vn.co	m, ie	strei	la@e	nsol	um.c	om, e	:hami	lton@	Pensol	um.c	com,
				ensolum.com															- t
			authenticity	of this sample. I am a	aware that tampering with or intentionally	mislabeling the	sample	location	n, date	or time	e or coi	lection	n is con	adere	i fraud a	ino ma	y de grou	nas ior	riegai action.
Relinquis	y: _Higinio Gonzale hed by: (Sienate		Date	-4-75 D71	0 Received by: (Signature)	Da		1-25	Time							-			ust be received on ice the day they a g temp above 0 but less than 6 °C or
Relinquis	hed by: (Stenam		Date		Received by: (Signature)	V Dat		2	Time	70	~				ived o				se Only
	hed by:/Signatu		2 3-	(1)	Received by (Stenature)	Dar Dar		. <u>c</u> , .25	Time	<u> </u>	7			nece T1			· С	יי <b>ע</b>	ТЗ
Relinquis	hed by: (Signatu	re)	Date	Time	Received by: (Signature)	Da			Time	<u> </u>					Temp	°c	4		
	ıtrix: S - Soil, Sd - S												olastic	, ag -	ambe	r glas	5, v - VC		
					ess other arrangements are made. Hat or with this COC. The liability of the										client	expens	e. The r	eport	for the analysis of the above
																	_		virot

## **Envirotech Analytical Laboratory**

## Sample Receipt Checklist (SRC)

Client:	Devon Energy - Carlsbad Da	ate Received:	03/05/25 (	07:00	Work Order ID:	E503030
Phone:	(505) 382-1211 Da	ate Logged In:	03/04/25	15:16	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com De	le Date:	03/11/25	17:00 (4 day TAT)		
Chain of	f Custody (COC)					
l. Does t	the sample ID match the COC?		Yes			
2. Does t	the number of samples per sampling site location match	the COC	Yes			
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comment	s/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample	<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
12. Was ti	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes			
13 If no	visible ice, record the temperature. Actual sample ter	nnerature: 4°	С			
	Container	<u></u>	<u> </u>			
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample containers	collected?	Yes			
Field La						
	e field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
_	Preservation	10				
	s the COC or field labels indicate the samples were prese	erved?	No			
	sample(s) correctly preserved?	1-9	NA			
	o filteration required and/or requested for dissolved meta	us <i>?</i>	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphase?		No			
27. If ye	s, does the COC specify which phase(s) is to be analyzed	d?	NA			
<u>Subcont</u>	ract Laboratory					
28. Are s	samples required to get sent to a subcontract laboratory?		No			

e

Date

envirotech Inc.

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

•



# APPENDIX E

# NMOCD Correspondence

Released to Imaging: 3/24/2025 10:11:51 AM

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 <<u>Jim.Raley@dvn.com</u>>

Sent: Wednesday, December 18, 2024 2:05 PM

To: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>

**Cc:** Ashley Giovengo <<u>agiovengo@ensolum.com</u>>; Cole Burton <<u>cburton@ensolum.com</u>>; Chad Hamilton <<u>chamilton@ensolum.com</u>>

**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@dvn.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:	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 email 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 <<u>OCD.Enviro@emnrd.nm.gov</u>>; Velez, Nelson, EMNRD
<<u>Nelson.Velez@emnrd.nm.gov</u>>; Woodall, Dale <<u>Dale.Woodall@dvn.com></u>
Cc: Chad Hamilton <<u>chamilton@ensolum.com</u>>; Cole Burton <<u>cburton@ensolum.com</u>>
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

Page1252eof 275 QUESTIONS

Action 428333

QUESTIONS

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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	428333
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS		
Created By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

CONDITIONS

Page1253eof 275

Action 428333

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

Page 254 of 275

Action 428336

QUESTIONS	
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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 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 02/10/2025 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

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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	428336
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS		
Created By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

CONDITIONS

Action 428336

Page1255eof 275

General Information Phone: (505) 629-6116

Operator:

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

OGRID:

Page1256cof 275 QUESTIONS

Action 428337

DEVON ENERGY PRODUCTION COMPANY, LP		6137	
333 West Sheridan Ave.		Action Number:	
Oklahoma City, OK 73102		428337	
		Action Type:	
		[NOTIFY] Notification Of Sampling (C-141N)	
QUESTIONS			
Prerequisites			
Incident ID (n#)	nAPP2420452024		
Incident Name	NAPP2420452024 PA	INT 4 33 FEDERAL COM #712H @ 30-025-51955	
Incident Type	Oil Release		
Incident Status	Initial C-141 Approved	1	
Incident Well	[30-025-51955] PAINT 4 33 FEDERAL COM #712H		
Location of Release Source			
Site Name PAINT 4 33 FEDE		L COM #712H	
Date Release Discovered	07/22/2024		
Surface Owner Federal		ral	
Sampling Event General Information			
Please answer all the questions in this group.	1		
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		

32.152742, -103.6829227

Please provide any information necessary for navigation to sampling site

General Information Phone: (505) 629-6116

CONDITIONS

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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	428337
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

CONDITIONS

Action 428337

Page1257eof 275

General Information Phone: (505) 629-6116

Operator:

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

OGRID:

Page1258eof 275 QUESTIONS

Action 428339

DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	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	

32.152742, -103.6829227

Please provide any information necessary for navigation to sampling site

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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	428339
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS		
Created By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

CONDITIONS Action 428339

Page1259eof 275

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

Page 260 of 275

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#)	nAPP242045202		
Incident Name	NAPP242045202	NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955	
Incident Type	Oil Release		
Incident Status	Initial C-141 App	roved	

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		

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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	428340
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS		
Created By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

CONDITIONS

Action 428340

Pagel261eof 275

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

Page1262eof 275 QUESTIONS

Action 428343

	QUESTIONS
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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			
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	02/14/2025		
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		

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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	428343
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS		
Created By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/5/2025

CONDITIONS

Action 428343

Page1263eof 275

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

Page 264 of 275

Action 435758

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	435758
	Action Type:
	INOTIFYI 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

General Information Phone: (505) 629-6116

CONDITIONS

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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	435758
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/26/2025

Action 435758

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Page1265eof 275

CONDITIONS

Released to Imaging: 3/24/2025 10511051PAM

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

Page 266 of 275

Action 435764

QUESTIONS
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Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	435764
	Action Type:
	INOTIEVI 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 03/04/2025 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

General Information Phone: (505) 629-6116

CONDITIONS

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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	435764
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/26/2025

CONDITIONS

Action 435764

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 268 of 275

Action 407840

Operator:		OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102		6137	
		Action Number:	
		407840	
		Action Type:	
		[NOTIFY] Notification Of Sampling (C-141N)	
QUESTIONS			
Prerequisites			
Incident ID (n#)	nAPP2420452024		
Incident Name	NAPP2420452024 PAI	NT 4 33 FEDERAL COM #712H @ 30-025-51955	
Incident Type	Incident Type Oil Release		
Incident Status	Initial C-141 Approved		
Incident Well	Well [30-025-51955] PAINT		
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			

N/A

32.152742, -103.6829227

Please provide any information necessary for observers to contact samplers

Please provide any information necessary for navigation to sampling site

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

Action Type:

[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

Page 269 of 275

QUESTIONS

Action 443520

QUESTIONS	
	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	443520

# QUESTIONS

Operator:

Prerequisites		
nAPP2420452024		
NAPP2420452024 PAINT 4 33 FEDERAL COM #712H @ 30-025-51955		
Oil Release		
Remediation Plan Received		
[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	Νο	
Has this release substantially damaged or will it substantially damage property or the environment	Νο	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

### Nature and Volume of Release

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.
s the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
latural Gas Vented (Mcf) Details	Not answered.
latural 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

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

Page 270 of 275

QUESTIONS, Page 2

Action 443520

QUESTIONS (contin	nued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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	Unavailable.		
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.			

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why 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 actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of		
Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/18/2025	

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

QUESTIONS, Page 3

Page 271 of 275

Action 443520

Operator:	OGRID:	1
DEVON ENERGY PRODUCTION COMPANY, LP	6137	l
333 West Sheridan Ave.	Action Number:	i.
Oklahoma City, OK 73102	443520	l
	Action Type:	l
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	l

### QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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 ar	nd 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

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in mil	ligrams 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	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed which includes the anticipated timelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
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	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

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

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

Page	272	of 275
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QUESTIONS, Page 4

Action 443520

QUESTIONS (continued)	
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	443520
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

### QUESTIONS

Remediation Plan (continued)

Remediation Fian (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: iim raley@dvn.com

Email: jim.raley@dvn.com Date: 03/18/2025

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

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DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	443520
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QU	EST	ION	IS
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Deferral Requests Only		
Only answer the questions in this group if seeking a deferral upon approval this submission. Each o	f 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	

Page 273 of 275

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Action 443520

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

QUESTIONS, Page 6

Page 274 of 275

Action 443520

**QUESTIONS** (continued)

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

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

Page 275 of 275

CONDITIONS

Action 443520

CONDITIONS	
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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