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May 1, 2025

New Mexico Energy Minerals and Natural Resources Department New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request Boundary Raider 7 Federal #214H Incident Number nAPP2435126810 Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities at the Boundary Raider 7 Federal #214H (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 *Closure Request*, describing Site assessment, delineation, and excavation activities that have occurred and requesting no further action for Incident Number nAPP2435126810.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit A, Section 07, Township 23 South, Range 32 East, in Lea County, New Mexico (32.326°, -103.70814°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On December 15, 2024, the packing on the wellhead started leaking, resulting in the release of approximately 9 barrels (bbls) of crude oil onto the caliche pad of which none were recovered. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via on the NMOCD Portal December 16. 2024. and submitted а Release Notification Form C-141 (Form C-141) on December 19, 2024. The release was assigned Incident Number nAPP2435126810. The Form C-141 can be referenced on the NMOCD Portal.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well CP 2036 POD1, located approximately 115 feet southeast of the Site.

Boundary Raider 7 Federal #214H

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

The closest continuously flowing or significant watercourse to the Site is a freshwater pond, located approximately 2.42 miles 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: 10,000 mg/kg

SITE ASSESSMENT ACTIVITIES

On December 16, 2024, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Beginning on January 10, 2024, 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 and five boreholes (BH01 through BH05) were advanced within the release extent to assess the vertical extent of impacted soil; boreholes BH01 through BH05 were advanced to a depth of 1-foot bgs. The preliminary soil samples were field screened for chloride and TPH utilizing Hach[®] chloride QuanTab[®] test strips and a PetroFLAG[®] Soil Analyzer System, respectively. 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. Boundary Raider 7 Federal #214H

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Beginning on April 02, 2025, impacted soil was excavated from the release area as indicated by visible staining and delineation soil sampling results. Excavation activities were performed using a backhoe, hand digging, and belly dump trucks. The excavation occurred on the north side of the wellhead. To direct excavation activities, Ensolum personnel screened soil for chloride and for TPH.

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 FS38) were collected from the floor of the excavation at depths ranging from 1-foot to 4 feet bgs. Composite sidewall soil samples (SW01 through SW04) were collected from the sidewall of the excavation at depths ranging from ground surface to 4 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 final excavation extent measured approximately 7,510 square feet. A total of approximately 448 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Northern Delaware Basin Landfill, New Mexico. After completion of confirmation sampling, the excavation areas were secured with fencing.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples SS01 through SS05 were all in compliance with the strictest Closure Criteria per NMOCD Table I at ground surface. Laboratory analytical results for boreholes BH02 and BH03 indicated all COCs were in compliance with the Site Closure Criteria at 1-foot bgs. Laboratory analytical results for boreholes BH02 and BH03 indicated all COCs were in compliance with the strictest Closure Criteria at 1-foot bgs.

Laboratory analytical results for excavation floor soil samples FS01 through FS38 indicated all COC concentrations were compliant with the strictest Closure Criteria. Laboratory analytical results for sidewall soil samples SW01 through SW04 indicated all COC concentrations were compliant with the strictest Closure Criteria. Laboratory analytical results are summarized in Tables 1 through 3 and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the December 2024 release of crude oil. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with the strictest Closure Criteria. Based on the soil sample analytical results, no further remediation was required.

Excavation of impacted and waste-containing soil has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be greater than 55 feet bgs and no other sensitive receptors were identified near the release extent. Devon believes these remedial actions are protective of human health, the environment, and groundwater. As such, Devon respectfully requests closure for Incident Number nAPP2435126810.

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

Received by OCD: 5/20/2025 7:45:21 AM

Boundary Raider 7 Federal #214H



Sincerely, Ensolum, LLC

Ashley Giovengo Associate Principal

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
- Table 1Soil Sample Analytical Results (Delineation Soil Samples)
- Table 2Soil Sample Analytical Results (Excavation Floor Soil Samples)
- Table 3Soil Sample Analytical Results (Excavation Sidewall Soil Samples)
- Table 4Soil Sample Analytical Results (Backfill Soil Sample)
- Appendix A Well Log and Record
- Appendix B Photographic Log
- Appendix C Lithologic / Soil Sampling Logs
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix E NMOCD Correspondence



FIGURES





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TABLES



	TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Boundary Raider 7 Federal #214H Devon Energy Production Company, LP 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	10,000					
				Delir	neation Soil Sar	nples									
SS01	12/16/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	110					
SS02	12/16/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	402					
SS03	12/16/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	272					
SS04	12/16/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0					
SS05	12/16/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	508					
BH01	1/10/2025	0	25.3	177.5	1,280	16,800	6,750	18,080	24,830	872					
BH01	1/10/2025	1	<0.0250	0.026	<20.0	64.5	62.8	64.5	127.3	173					
BH02	1/10/2025	0	0.2447	0.8707	<20.0	5,400	2,660	5,400	8,060	50.6					
BH02	1/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.6					
BH03	1/10/2025	0	<0.0250	<0.0500	<20.0	31.7	<50.0	31.7	31.7	77.2					
BH03	1/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	63.5					
BH04	1/10/2025	0	0.1075	0.5225	<20.0	3,160	1,780	3,160	4,940	1,600					
BH04	1/10/2025	1	<0.0250	0.0414	<20.0	<25.0	<50.0	<25.0	<50.0	46.7					
BH05	1/10/2025	0	13.74	99.44	491	16,900	7,200	17,391	24,591	11,400					
BH05	1/10/2025	1	<0.0250	< 0.0500	<20.0	147	84.2	147	231.2	<20.0					

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

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				Bounda Devon Ener	TABLE 2 LE ANALYTICA ry Raider 7 Feder rgy Production C County, New Me	[.] al #214H ompany, LP	-	-		
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Excava	tion Floor Soil S	Samples				
FS01	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	76.4
FS02	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	53.7
FS03	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	205
FS04	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	262
FS05	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	195
FS06	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	202
FS07	4/3/2025	1	<0.0250	<0.0500	<20.0	32.3	<50.0	32.3	32.3	43.3
FS08	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	209
FS09	4/4/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	131
FS10	4/4/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	62.3
FS11	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	153
FS12	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	260
FS13	4/4/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	592
FS14	4/4/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	206
FS15	4/3/2025	1	<0.0250	0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	73.7
FS16	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.3
FS17	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.3
FS18	4/3/2025	1	<0.0250	<0.0500	<20.0	64.4	<50.0	64.4	64.4	272
FS19	4/4/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	260
FS20	4/4/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	49.8
FS21	4/7/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	254
FS22	4/4/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	180
FS23	4/4/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	354
FS24	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	256
FS25	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	75.3
FS26	4/3/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	295
FS27	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	127
FS28	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	77.1
FS29	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	117
FS30	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS31	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	125
FS32	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	85.5
FS33	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	62.5



				Boundar Devon Ener	TABLE 2 LE ANALYTICA ry Raider 7 Feder rgy Production C County, New Me	ral #214H company, LP				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Excavat	tion Floor Soil S	Samples		•	- -	
FS33	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	62.5
FS34	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	44.8
FS35	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	30.2
FS36	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	33.8
FS37	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS38	4/4/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	32.5

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



				Boundar Devon Ener	TABLE 3 LE ANALYTICA ry Raider 7 Feder gy Production C County, New Me	al #214H ompany, LP		-		
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Sic	dewall Soil Samp	les	•	•	- -	
SW01	4/7/2025	0-1	<0.0250	<0.0500	<20.0	39.8	<50.0	<25.0	<50.0	133
SW02	4/7/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	71.0
SW03	4/7/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	720
SW03	4/18/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	34.8
SW04	4/7/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	139

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mg/kg: milligrams per kilogram

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GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics TPH: Total Petroleum Hydrocarbon BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



				Bounda Devon Ener	TABLE 4 PLE ANALYTICA ry Raider 7 Feder rgy Production C County, New Me	al #214H ompany, LP							
Sample Designation	. Date												
NMOCD Table I	NMOCD Table I Closure Criteria (NMAC 19.15.29) 10 50 NE NE NE 1,000 2,500 10,000												
	Backfill Soil Sample												
BF01	4/7/2025	NA	<0.0250	<0.0500	<20.0	39.8	<50.0	<25.0	<50.0	182			

bgs: below ground surface

mg/kg: milligrams per kilogram

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* 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

NA: Not Applical



APPENDIX A

Well Log and Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

. 1.5	OSE POD NO. (WE Pod 1	LL NO.)			WELL TAG	ID NO.			OSE FILE NO(S CP-2036).			
I	WELL OWNER NA Devon Energy	AME(S)							PHONE (OPTIC	NAL)			
-	WELL OWNER M. 5315 Buena Vi								CITY Carlsbad		STATE NM	88220	ZIP
	WELL LOCATION	LAT	DI	EGREES 32	minute 19		CONDS 32.8 N	<u> </u>		REQUIRED: ONE TEN	TH OF A	SECOND	
F	(FROM GPS)	_	GITUDE G WELL LOCATION TO	103	42		28.2 V			UIRED: WGS 84	IEDE AU		
	S7 T23s R32e	ELATIN	G WELL LOCATION TO	J STREET AD	DRESS AND CC	MMON LAN	JMARKS - I	133	(SECTION, TON	(ASISIF, KANGE) WI	ILKL AV	ALLADEL	
1	LICENSE NO. WD-1862	- 11	NAME OF LICENSED	DRILLER	James Ha	wley				NAME OF WELL DF H&		COMPANY prises, LLC	
Ī	DRILLING START 1-23-25	TED	DRILLING ENDED 1-23-25	DEPTH OF	COMPLETED W 55'	ELL (FT)	BORE		E DEPTH (FT) 5'	DEPTH WATER FIF	RST ENCO N/		
T	COMPLETED WE	LL IS:	ARTESIAN *add Centralizer info b		IOLE 🗌 S	HALLOW (UN	CONFINED)		WATER LEVEL PLETED WELL N	I/A	DATE STATIC 1-27	
F	DRILLING FLUID	e.	AIR	MUD	A	DDITIVES – S	PECIFY:						
	DRILLING METH	OD: 🔽	ROTARY 🗌 HAM	MER 🗌 CA	ABLE TOOL	OTHER - S	PECIFY:			CHECINSTA	K HERE I	F PITLESS ADA	PTER IS
	DEPTH (feet bgl) BORE HOLE FROM TO DIAM (inches)		(include each casing string, and			CASING DNNECTION TYPE				CASING WALL THICKNESS (inches)			
	0'	55'	6'		te sections of a lo casing left i		(add co	oupli	ng diameter)	(minit)			
-							-		_		-		
-			-		_		-	-			-		-
t													
+		-					1	_			-		-
									DI CV AIRE		1		
	DEPTH (fee		BORE HOLE DIAM. (inches)	12.00	NULAR SEAL RA	MATERIAL NGE BY INT		VEL	FACK SIZE-	AMOUNT (cubic feet)		METHO	
	FROM	TO	DIAM. (menes)	*(if using	Centralizers fo	<u>r Artesian we</u> N/A	lls- indicate	the	spacing below)	(cubic teet)		. Litter	
		_											
			-	-									
ł													
DR	OSE INTERNA	L USE								0 WELL RECORD	& LO	G (Version 09/	22/2022
	NO.					OD NO.			TRN	NO.			

1	DEPTH (feet	t bgl)	C	COLOR AN	D TYPE OF MATERIAL EN	COUNTERED -	w	ATER	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WATH	ER-BEARING CAVITIES OR oplemental sheets to fully des	FRACTURE ZONES	BE.	ARING? ES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
Ì	0'	15'	15'		Sand		Y	√ N	
	15'	25'	10'		Sandy Red Clay		Y	√ N	
	25'	30'	5'		Grey Clay		Y	√ N	
	30'	55'	25'		Sandy Red Clay		Y	√ N	
							Y	N	
-							Y	N	
ME							Y	N	
5		_					Y	N	
							Y	N	
erc							Y	Ν	
010							Y		
GEO							Y	N	
DRO							Y	Ν	
4. HYDROGEOLOGIC LOG OF WELL							Y		
4							Y		
							Y	1.5.5	
							Y	N	
							Y		
		_					Y		
							Y		
							Y		
			IR LIFT	OF WATER-BEARIN	IG STRATA: THER – SPECIFY: DTGW B	ore	TOTAL EST WELL YIE		0.00
-		TROT	RESULTS - ATT		TA COLLECTED DURING W	ELL TESTING INC	a and a state of a		
N	WELL TEST			IE, AND A TABLE S	HOWING DISCHARGE AND				
I; KIG SUPERVISION		STAR	T TIME, END TIN	pth to groundwater l	HOWING DISCHARGE AND bore was gauged for water of e was backfilled with drill of	DRAWDOWN OVI	ER THE TES	TING PERIO	OD.
	MISCELLANE	STAR'	T TIME, END TIM	pth to groundwater l s removed, bore hole ured from 10' BGS to	HOWING DISCHARGE AND bore was gauged for water of e was backfilled with drill of	o DRAWDOWN OVI	Dore was di Hydrated be	ring PERIC y. Tempor ntonite ho	OD. rary well casing le plug was
6. SIGNATURE 5. TEST; RIG SUPERVISION	MISCELLANE PRINT NAME Nathan Smelca THE UNDERS CORRECT RE AND THE PER	STAR OUS INF (S) OF DI er IGNED H CORD O CMIT HO	T TIME, END TIM ORMATION: De wa po RILL RIG SUPER HEREBY CERTIF F THE ABOVE D	pth to groundwater h s removed, bore hole ared from 10' BGS to VISOR(S) THAT PRO USOR(S) THAT PRO USOR(S) THAT PRO DES THAT, TO THE F ESCRIBED HOLE AN DAYS AFTER COM	HOWING DISCHARGE AND bore was gauged for water of e was backfilled with drill of o surface. DVIDED ONSITE SUPERVISE BEST OF HIS OR HER KNOW ND THAT HE OR SHE WILL IPLETION OF WELL DRILL fames Hawley	D DRAWDOWN OVI on 1-27-25. DTGW cutting to 10' BGS. ION OF WELL CON WLEDGE AND BEL FILE THIS WELL F	ER THE TES' bore was di Hydrated be STRUCTION IEF, THE FO RECORD WI	Y. Tempor ntonite ho	OD. rary well casing le plug was HAN LICENSEE
6. SIGNATURE 5.	MISCELLANE PRINT NAME Nathan Smelco THE UNDERS CORRECT RE AND THE PER	STAR OUS INF (S) OF DI er IGNED F CORD OI SMIT HO SIGNAT	T TIME, END TIM FORMATION: De wa po RILL RIG SUPER HEREBY CERTIF F THE ABOVE D LDER WITHIN 3	pth to groundwater h s removed, bore hol- ured from 10' BGS to VISOR(S) THAT PRO VISOR(S) THAT PRO ESCRIBED HOLE AN D DAYS AFTER COM	HOWING DISCHARGE AND bore was gauged for water of e was backfilled with drill of o surface. DVIDED ONSITE SUPERVISE BEST OF HIS OR HER KNOW ND THAT HE OR SHE WILL IPLETION OF WELL DRILL fames Hawley	D DRAWDOWN OVI on 1-27-25. DTGW cutting to 10' BGS. ION OF WELL CON WLEDGE AND BEL FILE THIS WELL F	ER THE TES' bore was di Hydrated be STRUCTION IEF, THE FO RECORD WI	Y. Tempor ntonite ho OTHER TI REGOING TH THE ST	OD. rary well casing le plug was HAN LICENSEE
6. SIGNATURE 5.	MISCELLANE PRINT NAME Nathan Smelca THE UNDERS CORRECT RE AND THE PER	STAR OUS INF (S) OF DI er IGNED F CORD OI SMIT HO SIGNAT	T TIME, END TIM FORMATION: De wa po RILL RIG SUPER HEREBY CERTIF F THE ABOVE D LDER WITHIN 3	pth to groundwater h s removed, bore hol- ured from 10' BGS to VISOR(S) THAT PRO VISOR(S) THAT PRO ESCRIBED HOLE AN D DAYS AFTER COM	HOWING DISCHARGE AND bore was gauged for water of e was backfilled with drill of o surface. DVIDED ONSITE SUPERVISE BEST OF HIS OR HER KNOW ND THAT HE OR SHE WILL IPLETION OF WELL DRILL fames Hawley	D DRAWDOWN OVI on 1-27-25. DTGW cutting to 10' BGS. ION OF WELL CON WLEDGE AND BEL FILE THIS WELL F ING:	THE TES'	TING PERIO y. Tempor ntonite ho OTHER T: REGOING TH THE ST 1-28-25 DATE	OD. rary well casing le plug was HAN LICENSEE

Released to Imaging: 7/9/2025 1:04:13 PM



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

	Phone No.:	
State:	NM	Zip code: 88220
	State:	Phone No.:

II. WELL PLUGGING INFORMATION:

1)	Name of well drilling con	npany that plu	gged well:	H&R Ente	erprises,	LLC.		_	
2)	New Mexico Well Driller	License No.:	WD-1862				_ Expira	ation Date:	6-16-25
3)	Well plugging activities v Nathan Smelcer	vere supervise	d by the fol	lowing we	ll driller	(s)/rig su	pervisor(s	.);	
4)	Date well plugging began	1-27-25		Date	e well pl	ugging co	oncluded:	1-27-25	C
5)	GPS Well Location:	Latitude: Longitude: _	32 103	deg, deg,	19 42	min, min,	32.8 28.2	_ sec _ sec, WG	S 84
6)	Depth of well confirmed by the following manner:			:55'	ft be	elow grou	nd level (bgl),	
7)	Static water level measure	ed at initiation	ofplugging	g: N/A	ft b	gl			
8)	Date well plugging plan o	of operations v	vas approve	d by the S	tate Eng	ineer:	11-22-24	_	
9)	Were all plugging activiti differences between the a								

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

For each interval plugged, describe within the following columns:

epth bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of <u>Material Placed</u> (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement <u>Method</u> (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0' - 10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	Pour	
-	10' - 55' Drill Cuttibgs	Approx. 67 gallons	67 gallons	Pour	
-					
1.1.1					
	-				
-	-				
	-				
-	⊐ NATURE:	MULTIPLY cubic feet x cubic yards x 20	BY AND OBTAIN 7.4805 = gallons 11.97 = gallons		<u>~</u>

I, James Hawley

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

1-28-25

Signature of Well Driller

Date

Version: September 8, 2009 Page 2 of 2



APPENDIX B

Photographic Log













APPENDIX C

Lithologic Soil Sampling Logs

							Sample Name: BH01	Date: 1/10/25		
							Site Name: Boundary Raider 7 Fed			
E		N		U		M	Incident Number: nAPP243512681			
						_	Job Number: 03A1987155			
		0614		SAMPLING			Logged By: Oluwale Aderinto	Method: Hand auger		
Coordinates: 3			-		. 100		Hole Diameter: 3"	Total Depth: 1'		
				vith HACH CH	nloride Test	Strips and	PetroFLAG Soil Analyzer System .			
with 1:4 dilutio										
A Moisture Content Chloride (ppm)	TPH (ppm)	< Staining	Di Sample ID BH01	Sample Depth (ft bgs) 0	Depth (ft bgs) 0	USCS/Rock Symbol	Lithologic Descriptions			
M 196	16	Y N	BH01		1 1	CCHE I Depth	Pad Calio	che		

									Data: 1/10/25			
1		_						Sample Name: BH02	Date: 1/10/25			
		E	N	S	ΟΙ		M	Site Name: Boundary Raider 7 Fed				
								Incident Number: nAPP243512681	.0			
 								Job Number: 03A1987155				
				-	SAMPLING	6 LOG		Logged By: Oluwale Aderinto	Method: Hand auger			
	inates: 32							Hole Diameter: 3"	Total Depth: 1'			
					vith HACH Cl d water. No			d PetroFLAG Soil Analyzer System . (uded.	Chloride test performed			
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions				
Μ			Y	BH02	0	0	CCHE	Pad Caliche				
Μ	ND	47	N	BH02	1	_ 1 - -	SP-SM	Brown, poorly graded sand non-plas				

									Data: 1/10/25	
1		_						Sample Name: BH03	Date: 1/10/25	
		E	N	S	ΟΙ		M	Site Name: Boundary Raider 7 Fed		
								Incident Number: nAPP243512681	.0	
I								Job Number: 03A1987155		
				-	SAMPLING	6 LOG		Logged By: Oluwale Aderinto	Method: Hand auger	
				103.70811				Hole Diameter: 3"	Total Depth: 1'	
					vith HACH Cl d water. No			d PetroFLAG Soil Analyzer System . uded.	Chloride test performed	
~	Moisture Content Chloride (ppm) TPH (ppm) TPH (ppm) (ppm) Chloride (ppm) Debty (t pgs) Debty (t pgs) Debty Symbol Symbol							Lithologic Descriptions		
D	Y BH03 0 II 0 - CCHE					Pad Calio	che			
Μ	ND	11	N	BH03	1	_ 1 - -	SP-SM	Brown, poorly graded sand non-plas		
Total Depth = 1'										

							Sample Name: BH04	Date: 1/10/25		
							Site Name: Boundary Raider 7 Fede			
		N		ΟΙ		M	Incident Number: nAPP243512681			
		_				_	Job Number: 03A1987155	~		
		0614		SAMPLING						
Coordinates: 3			-		Logged By: Oluwale Aderinto Hole Diameter: 3"	Method: Hand auger Total Depth: 1'				
					lorida Tact	String and	PetroFLAG Soil Analyzer System . (
with 1:4 dilutio								enoniae test performed		
200	Moisture Content Chloride (ppm) (ppm) TPH (ppm) Sample ID Sample ID Debty (tt pgs) (tt pgs) Debty Debty Symbol						Lithologic Descriptions			
м		Y	BH04	0	0	CCHE	Pad Calic	he		
M ND	18	N	BH04	1	1	SP-SM				
Brown poorly graded sand with silt non-pliable										

								Sample Name: BH05	Date: 1/10/25	
	-		IN	3	ΟΙ			Incident Number: nAPP243512681		
								Job Number: 03A1987155		
		LITHOL	.OGI		SAMPLING	Logged By: Oluwale Aderinto	Method: Hand auger			
Coord	inates: 32			-				Hole Diameter: 3"	Total Depth: 1'	
					vith HACH Cl	hloride Test	Strips, and	d PetroFLAG Soil Analyzer System . (Chloride test performed	
with 1	:4 dilutio	n factor	of soi	l to distille	d water. No	correction fa	actors incl	uded.		
_							Lithologic Descriptions			
М		Y BH05 0 0 CCHE					CCHE	Pad Caliche		
М	ND	19	N	BH05	1	_ 1 -	SP-SM	Brown, poorly graded sand non-plas		
SP-SM Brown, poor graded said with sit, non-plastic. Total Depth = 1'										



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation





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:

Boundary Raider 7 Federal #214H

Work Order: E412138

Job Number: 01058-0007

Received: 12/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/20/24

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: 12/20/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210



Page 34 of 220

Project Name: Boundary Raider 7 Federal #214H Workorder: E412138 Date Received: 12/18/2024 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/18/2024 8:15:00AM, under the Project Name: Boundary Raider 7 Federal #214H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 7 Federal #214H 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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Received by OCD: 5/20/2025 7:45:21 AM

Sample Summary

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		Sample Sum	mary			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	Boundary Raider 7 Federal #214H 01058-0007 Ashley Giovengo		Reported: 12/20/24 15:00	
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
SS01 - 0'	E412138-01A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.	
SS02 - 0'	E412138-02A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.	
SS03 - 0'	E412138-03A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.	
SS04 - 0'	E412138-04A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.	
SS05 - 0'	E412138-05A	Soil	12/16/24	12/18/24	Glass Jar, 2 oz.	



.
	5	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	ndary Raider 7 58-0007 ley Giovengo	7 Federal #214H		Reported: 12/20/2024 3:00:28PM
		SS01 - 0'				
		E412138-01				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2451053
Benzene	ND	0.0250	1	12/18/24	12/19/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/19/24	
Toluene	ND	0.0250	1	12/18/24	12/19/24	
p-Xylene	ND	0.0250	1	12/18/24	12/19/24	
o,m-Xylene	ND	0.0500	1	12/18/24	12/19/24	
Fotal Xylenes	ND	0.0250	1	12/18/24	12/19/24	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2451053
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2451056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/24	12/19/24	
Surrogate: n-Nonane		125 %	50-200	12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2451057
Chloride	110	20.0	1	12/18/24	12/19/24	



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		umpre D				
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numl		ndary Raider 7 F 58-0007	ederal #214H		Reported:
Artesia NM, 88210	Project Mana		ley Giovengo			12/20/2024 3:00:28PM
		SS02 - 0'				
		E412138-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2451053
Benzene	ND	0.0250	1	12/18/24	12/19/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/19/24	
Toluene	ND	0.0250	1	12/18/24	12/19/24	
p-Xylene	ND	0.0250	1	12/18/24	12/19/24	
o,m-Xylene	ND	0.0500	1	12/18/24	12/19/24	
Total Xylenes	ND	0.0250	1	12/18/24	12/19/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2451053
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/24	12/19/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/18/24	12/19/24	
Surrogate: n-Nonane		125 %	50-200	12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2451057
Chloride	402	20.0	1	12/18/24	12/19/24	



Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010	ndary Raider 7 Fe 58-0007 ley Giovengo	deral #214H		Reported: 12/20/2024 3:00:28PM
· · · · · · · · · · · · · · · · · · ·	110,000 11101102		ley olovenge			
		SS03 - 0'				
		E412138-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2451053
Benzene	ND	0.0250	1	12/18/24	12/19/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/19/24	
Toluene	ND	0.0250	1	12/18/24	12/19/24	
p-Xylene	ND	0.0250	1	12/18/24	12/19/24	
p,m-Xylene	ND	0.0500	1	12/18/24	12/19/24	
Total Xylenes	ND	0.0250	1	12/18/24	12/19/24	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2451053
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2451056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/24	12/19/24	
Surrogate: n-Nonane		127 %	50-200	12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2451057
Chloride	272	20.0	1	12/18/24	12/19/24	

	D	ampic D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb		ndary Raider 7 Fe 58-0007	ederal #214H		Reported:
Artesia NM, 88210	Project Manag		ley Giovengo			12/20/2024 3:00:28PM
		SS04 - 0'				
		E412138-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2451053
Benzene	ND	0.0250	1	12/18/24	12/19/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/19/24	
Toluene	ND	0.0250	1	12/18/24	12/19/24	
p-Xylene	ND	0.0250	1	12/18/24	12/19/24	
o,m-Xylene	ND	0.0500	1	12/18/24	12/19/24	
Fotal Xylenes	ND	0.0250	1	12/18/24	12/19/24	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2451053
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2451056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/24	12/19/24	
Surrogate: n-Nonane		123 %	50-200	12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2451057
Chloride	ND	20.0	1	12/18/24	12/19/24	

		ampie D				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manag	ber: 0103	ndary Raider 7 F 58-0007 ley Giovengo	ederal #214H		Reported: 12/20/2024 3:00:28PM
		SS05 - 0'				
		E412138-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2451053
Benzene	ND	0.0250	1	12/18/24	12/19/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/19/24	
Toluene	ND	0.0250	1	12/18/24	12/19/24	
p-Xylene	ND	0.0250	1	12/18/24	12/19/24	
o,m-Xylene	ND	0.0500	1	12/18/24	12/19/24	
Total Xylenes	ND	0.0250	1	12/18/24	12/19/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2451053
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/24	12/19/24	
Surrogate: n-Nonane		127 %	50-200	12/18/24	12/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2451057
Chloride	508	20.0	1	12/18/24	12/19/24	

OC Summary Data

		X ² ²							
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	0	Boundary Raide		al #214H			Reported:
Artesia NM, 88210		Project Manager:	A	Ashley Gioveng	go				12/20/2024 3:00:28PM
			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 (2451053-BLK1)							Prepared: 1	2/18/24 /	Analyzed: 12/19/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.88		8.00		85.9	70-130			
LCS (2451053-BS1)							Prepared: 1	2/18/24	Analyzed: 12/19/24
Benzene	5.14	0.0250	5.00		103	70-130			
Ethylbenzene	5.01	0.0250	5.00		100	70-130			
Toluene	5.11	0.0250	5.00		102	70-130			
o-Xylene	4.99	0.0250	5.00		99.8	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.85		8.00		85.6	70-130			
LCS Dup (2451053-BSD1)							Prepared: 1	2/18/24	Analyzed: 12/19/24
Benzene	5.27	0.0250	5.00		105	70-130	2.45	20	
Ethylbenzene	5.14	0.0250	5.00		103	70-130	2.46	20	
Toluene	5.24	0.0250	5.00		105	70-130	2.47	20	
p-Xylene	5.11	0.0250	5.00		102	70-130	2.45	20	
p,m-Xylene	10.4	0.0500	10.0		104	70-130	2.37	20	
Total Xylenes	15.5	0.0250	15.0		103	70-130	2.40	20	
Surrogate: 4-Bromochlorobenzene-PID	6.89		8.00		86.1	70-130			



OC Summary Data

		QU V	Juiiii	ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manage:		Boundary Raide 01058-0007 Ashley Gioveng			Reported: 12/20/2024 3:00:28PM		
	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 (2451053-BLK1)							Prepared: 1	2/18/24 <i>A</i>	Analyzed: 12/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			
LCS (2451053-BS2)							Prepared: 1	2/18/24 A	Analyzed: 12/19/24
Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			
LCS Dup (2451053-BSD2)							Prepared: 1	2/18/24 A	Analyzed: 12/19/24
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.3	70-130	6.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.2	70-130			



QC Summary Data

		QC DI		ary Data	L				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(Boundary Raider 01058-0007 Ashley Giovenge		Reported: 12/20/2024 3:00:28PM			
	Nonha		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 (2451056-BLK1)							Prepared: 1	2/18/24 A	Analyzed: 12/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	63.1		50.0		126	50-200			
LCS (2451056-BS1)							Prepared: 1	2/18/24 A	Analyzed: 12/19/24
Diesel Range Organics (C10-C28)	296	25.0	250		118	38-132			
Surrogate: n-Nonane	61.1		50.0		122	50-200			
Matrix Spike (2451056-MS1)				Source: I	E 412134 -	01	Prepared: 1	2/18/24 A	Analyzed: 12/19/24
Diesel Range Organics (C10-C28)	286	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	59.1		50.0		118	50-200			
Matrix Spike Dup (2451056-MSD1)				Source: I	E412134-	01	Prepared: 1	2/18/24 A	Analyzed: 12/19/24
Diesel Range Organics (C10-C28)	315	25.0	250	ND	126	38-132	9.44	20	
Surrogate: n-Nonane	66.7		50.0		133	50-200			



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager		Boundary Raide 01058-0007 Ashley Gioveng		al #214H			Reported: 12/20/2024 3:00:28PM
		Anions	by EPA	300.0/9056	۸				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 (2451057-BLK1)							Prepared: 12	2/18/24	Analyzed: 12/19/24
Chloride	ND	20.0							
LCS (2451057-BS1)							Prepared: 12	2/18/24	Analyzed: 12/19/24
Chloride	252	20.0	250		101	90-110			
LCS Dup (2451057-BSD1)							Prepared: 12	2/18/24	Analyzed: 12/19/24
Chloride	253	20.0	250		101	90-110	0.127	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:	Boundary Raider 7 Federal #214H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/20/24 15:00

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



WO#21461996

Released to Imaging: 7/9/2025 1:04:13 PM

Chain of Custody

	Clier	nt Inform	ation				Invoice	Information					La	b Us	e On	ly				TAT		Sta	te
Client: D	evon		an conception		Co	mpany:	Devon	() · · · · ·			Lab	WO#			Job				1D 2	D 3D Sto			T TX
	Boundary Ra	aider 7 Fe	deral #	214H				ena Vista Dr	-		E4	12	138	3	010	58-	000	7		X	X		
	lanager: Asl	Participants and Cold	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Cit	ty, State,	Zip: Ca	arlsbad NM, 882	20													1	
Address:	3122 Nation	nal Parks	Hwy		Pho	one: (575	5)689-7	597	-		[Ana	lysis	and	Met	hod			PA Prog	ram
City, Stat	e, Zip: Carls	bad NM,	88220		En	nail: jim.	raley@	dvn.com													SDWA	CWA	RCRA
Phone: 5	75-988-005	5			Mis	cellaneo	us: Jim	Raley															1
Email: ag	giovengo@ei	nsolum.c	om				-		-			15	15								Complia		or I
												y 80	y 80	1	0	0.0	5	×	als		PWSID #	#	1.1.1
		-		Sam	ple Informati	on						ROb	ROb	/ 802	826	e 30	N.	- 50	Met				
Time Sampled	Date Sampled	Matrix	No. of Containe			Sample I	ID		Field	La Li	ab mber	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			Remar	KS
11:30	12/16/2024	s	1			SS01 - 0	יט			1	l						х						
10:00	12/16/2024	S	1			SS02 - 0	י'			0	2						x						
10:02	12/16/2024	S	1			SS03 - 0	יכ			1	3						х						
10:04	12/16/2024	S	1		1	SS04 - 0	D'			6	1						х						
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	al Instructio		ase CC:	cburton@e	ensolum.com	agioven	ngo@er	solum.com, jim	.rale	y@dv	n.com	m, ie	strel	la@e	ensol	um.o	com,	bde	al@en	solum, cha	milton@	ensolum	.com,
bsimmo	ns@ensolum	n.com	1	1.1. (a).1	1		a sudah an is	tentionally mislabelin	a tho c	amelal	location	date	or time	aofre	lactio	n is co	neider	ad frau	d and m	av he grounds t	for legal actio	n	
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	Bowan Simmons ed by: (Signatu	14	In	ate	Time	Received	by: (Sie	nature) s	Date	e	1	Time	-	-	1	-	Sampl	es requ	iring ther	mal preservation	must be receiv	ed on ice the	day they are
Mal	eu py. (Signatu	ie)	13	2/17/20		Mic	helle	Gonzale	YD	:17.	24	10000	10							cked in ice at an	avg temp abov	e 0 but less th	nan 6 °C on
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						1									1		AVG	i Ter	np °C_	4		-	
Sample Mat	rix: S - Soil, Sd - S	Solid, Sg - Slu	dge, A - A	Aqueous, O - Oth	er															ss, v - VOA			
Note: Sam	ples are discard	ded 14 day	s after re	esults are repo	rted unless othe	r arrangem	nents are	made. Hazardous s	ample	es will t	be retu	rned	to clie	nt or	dispo	sed of	at th	e clie	nt expe	ise. The repo	rt for the ar	halysis of t	he above
	applicable only	y to those s	amples	received by the	e laboratory with	this COC.	The liabi	lity of the laborator	y is lin	nited t	the a	mour	nt paid	d for a	on the	repo	rt.						

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Devon Energy - Carlsbad Dat	te Received:	12/18/24	08:15		Work Order ID:	E412138
Phone:	(505) 382-1211 Dat	te Logged In:	12/17/24	16:46		Logged In By:	Noe Soto
Email:		e Date:		17:00 (4 day TA	Т)		
Chain o	f Custody (COC)						
1. Does 1	the sample ID match the COC?		Yes				
	the number of samples per sampling site location match t	he COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrie	r: Courier		
4. Was tl	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			Commen	ts/Resolution
Sample '	Turn Around Time (TAT)						
	the COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	· •						
	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				
	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 rec minutes of sampling		Yes				
13 If no	visible ice, record the temperature. Actual sample tem	nerature: 4º	C				
	Container	perature: <u>r</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 informa	tion:					
5	Sample ID?		Yes				
	Date/Time Collected?		Yes		L		
	Collectors name?		No				
-	Preservation	mad 9	ът.				
	s the COC or field labels indicate the samples were preser sample(s) correctly preserved?	veu?	No NA				
	sample(s) correctly preserved? b filteration required and/or requested for dissolved metal	s?	NA No				
			INU				
	ase Sample Matrix		.				
	s the sample have more than one phase, i.e., multiphase?	n	No				
•	s, does the COC specify which phase(s) is to be analyzed	ſ	NA				
	ract 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 1	Lab: NA		

Date

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

Report to: Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

Boundary Raider 7 CTB 2

Work Order: E412164

Job Number: 01058-0007

Received: 12/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/30/24

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: 12/30/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Boundary Raider 7 CTB 2 Workorder: E412164 Date Received: 12/20/2024 8:00:00AM

Ashley Giovengo,



The analytical test results summarized in this report with the Project Name: Boundary Raider 7 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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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Chain of Custody etc.

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Sample Summary

	Sample Sum	mary		
	Project Name: Project Number: Project Manager:	Boundary Raider 7 01058-0007 Ashley Giovengo	CTB 2	Reported: 12/30/24 14:46
Lab Sample ID	Matrix	Sampled	Received	Container
E412164-01A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-02A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-03A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-04A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-05A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-06A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-07A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-08A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-09A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-10A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-11A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-12A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-13A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
E412164-14A	Soil	12/18/24	12/20/24	Glass Jar, 2 oz.
	E412164-01A E412164-02A E412164-03A E412164-03A E412164-05A E412164-05A E412164-07A E412164-07A E412164-09A E412164-09A E412164-11A E412164-11A E412164-13A	Lab Sample ID Matrix E412164-01A Soil E412164-01A Soil E412164-02A Soil E412164-03A Soil E412164-04A Soil E412164-05A Soil E412164-06A Soil E412164-07A Soil E412164-08A Soil E412164-08A Soil E412164-10A Soil E412164-10A Soil E412164-11A Soil E412164-12A Soil	Project Number: Project Manager:01058-0007 Ashley GiovengoLab Sample IDMatrixSampledE412164-01ASoil12/18/24E412164-02ASoil12/18/24E412164-03ASoil12/18/24E412164-04ASoil12/18/24E412164-05ASoil12/18/24E412164-06ASoil12/18/24E412164-07ASoil12/18/24E412164-07ASoil12/18/24E412164-08ASoil12/18/24E412164-09ASoil12/18/24E412164-10ASoil12/18/24E412164-11ASoil12/18/24E412164-12ASoil12/18/24E412164-13ASoil12/18/24	Image: Project Name: Project Number: Project Number: O1058-0007 Boundary Raider 7 CTB 2 Project Manager: Ashley Giovengo Lab Sample ID Matrix Sampled Received E412164-01A Soil 12/18/24 12/20/24 E412164-02A Soil 12/18/24 12/20/24 E412164-03A Soil 12/18/24 12/20/24 E412164-05A Soil 12/18/24 12/20/24 E412164-06A Soil 12/18/24 12/20/24 E412164-07A Soil 12/18/24 12/20/24 E412164-08A Soil 12/18/24 12/20/24 E412164-08A Soil 12/18/24 12/20/24 E412164-10A Soil 12/18/24 12/20/24 E412164-11A Soil 12/18/24 12/20/24



		ampic D				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010	ndary Raider 7 C 58-0007 ley Giovengo	CTB 2		Reported: 12/30/2024 2:46:40PM
		BH01 - 0'				
		E412164-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: SL		Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Total Xylenes	ND	0.0250	1	12/20/24	12/21/24	
urrogate: 4-Bromochlorobenzene-PID		86.0 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: SL		Batch: 2451086
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	kg Analyst: NV		Batch: 2451093	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/20/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
Surrogate: n-Nonane		87.1 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: JM		Batch: 2451087
Chloride	26300	400	20	12/20/24	12/20/24	



Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010	ndary Raider 7 C7 58-0007 ley Giovengo	ГВ 2		Reported: 12/30/2024 2:46:40PM
		BH01 - 1'				
		E412164-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Fotal Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		86.5 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2451086
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2451093	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/20/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
Surrogate: n-Nonane		104 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2451087
Chloride	3420	40.0	2	12/20/24	12/20/24	



	D.	ampic D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010	ndary Raider 7 C 58-0007 ley Giovengo	ГВ 2		Reported: 12/30/2024 2:46:40PM
		BH01 - 3'				
		E412164-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
p-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Fotal Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		86.0 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2451086	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	kg Analyst: NV			Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
Surrogate: n-Nonane		99.4 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2451087
Chloride	1200	20.0	1	12/20/24	12/20/24	



	5	ampic D	aia			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 0103	ndary Raider 7 C 58-0007 ley Giovengo	ГВ 2		Reported: 12/30/2024 2:46:40PM
		BH01 - 5'				
		E412164-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
p-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Fotal Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		85.1 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2451086	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/20/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
Surrogate: n-Nonane		101 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2451087
Chloride	1170	20.0	1	12/20/24	12/20/24	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 0103	ndary Raider 7 CT 58-0007 ley Giovengo	TB 2		Reported: 12/30/2024 2:46:40PM
		BH02 - 0'				
		E412164-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	:: SL		Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
oluene	ND	0.0250	1	12/20/24	12/21/24	
-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Total Xylenes	ND	0.0250	1	12/20/24	12/21/24	
urrogate: 4-Bromochlorobenzene-PID		85.3 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: SL		Batch: 2451086
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: NV			Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/20/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
Surrogate: n-Nonane		95.3 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: JM		Batch: 2451087
Chloride	17700	400	20	12/20/24	12/20/24	



Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Numb		ndary Raider 7 CT 58-0007	ГВ 2		Reported:
Artesia NM, 88210	Project Manag		ley Giovengo	12/30/2024 2:46:40PM		
		BH02 - 1'				
		E412164-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Fotal Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		84.8 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2451086
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2451093	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/20/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
Surrogate: n-Nonane		101 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2451087
Chloride	2680	40.0	2	12/20/24	12/20/24	



	D.	ampic D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010:	ndary Raider 7 C 58-0007 ley Giovengo	TB 2		Reported: 12/30/2024 2:46:40PM
		BH02 - 3'				
		E412164-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
thylbenzene	ND	0.0250	1	12/20/24	12/21/24	
oluene	ND	0.0250	1	12/20/24	12/21/24	
-Xylene	ND	0.0250	1	12/20/24	12/21/24	
,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Total Xylenes	ND	0.0250	1	12/20/24	12/21/24	
urrogate: 4-Bromochlorobenzene-PID		85.0 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2451086	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2451093		
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/20/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
urrogate: n-Nonane		99.6 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2451087
Chloride	3280	40.0	2	12/20/24	12/20/24	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 010:	ndary Raider 7 C 58-0007 ley Giovengo	ТВ 2		Reported: 12/30/2024 2:46:40PM
		BH02 - 5'				
		E412164-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
p-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Fotal Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		84.4 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2451086
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
Surrogate: n-Nonane		99.4 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2451087
Chloride	3280	40.0	2	12/20/24	12/20/24	



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Devon Energy - Carlsbad	Project Name:		ndary Raider 7 CT 58-0007	Ъ2		Demostede
6488 7 Rivers Hwy Artesia NM, 88210	Project Numbe Project Manag		ley Giovengo		Reported: 12/30/2024 2:46:40PM	
Artesia INVI, 60210	Tiojeet Mailag	ci. Asii	ley Gloveligo			12/30/2024 2:40:40PM
		BH03 - 0'				
	-	E412164-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: SL		Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Fotal Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		84.4 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2451086
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2451093
Diesel Range Organics (C10-C28)	65.3	25.0	1	12/20/24	12/20/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
Surrogate: n-Nonane		95.3 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: JM		Batch: 2451087
Chloride	21700	400	20	12/20/24	12/20/24	



	5	ampic D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbo Project Manag	ect Number: 01058-00		°B 2		Reported: 12/30/2024 2:46:40PM
		BH03 - 1'				
		E412164-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Fotal Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		84.2 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: SL		Batch: 2451086
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: NV		Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
Surrogate: n-Nonane		97.9 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: JM		Batch: 2451087
Chloride	1100	40.0	2	12/20/24	12/20/24	



	5	ampic D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 010:	ndary Raider 58-0007 ley Giovengo		Reported: 12/30/2024 2:46:40PM	
		BH03 - 3'				
		E412164-11				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	g Analyst: SL			Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
thylbenzene	ND	0.0250	1	12/20/24	12/21/24	
oluene	ND	0.0250	1	12/20/24	12/21/24	
-Xylene	ND	0.0250	1	12/20/24	12/21/24	
,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
otal Xylenes	ND	0.0250	1	12/20/24	12/21/24	
urrogate: 4-Bromochlorobenzene-PID		83.2 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2451086
asoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	12/20/24	12/21/24	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/20/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
urrogate: n-Nonane		96.0 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: JM		Batch: 2451087
Chloride	54.3	20.0	1	12/20/24	12/20/24	



	D.	ample D	ala			
Devon Energy - Carlsbad	Project Name:	: Bou	ndary Raider 7 CT	TB 2		
6488 7 Rivers Hwy	Project Numb	er: 0103	58-0007			Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			12/30/2024 2:46:40PM
		BH04 - 0'				
		E412164-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
p-Xylene	ND	0.0250	1	12/20/24	12/21/24	
o,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Fotal Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		83.6 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: SL		Batch: 2451086
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: NV		Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/20/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/20/24	
Surrogate: n-Nonane		82.7 %	50-200	12/20/24	12/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: JM		Batch: 2451087
Chloride	19200	200	10	12/20/24	12/20/24	



	0	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	ndary Raider 7 C 58-0007 ley Giovengo	TB 2		Reported: 12/30/2024 2:46:40PM
		BH04 - 1'				
		E412164-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
thylbenzene	ND	0.0250	1	12/20/24	12/21/24	
oluene	ND	0.0250	1	12/20/24	12/21/24	
-Xylene	ND	0.0250	1	12/20/24	12/21/24	
,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
otal Xylenes	ND	0.0250	1	12/20/24	12/21/24	
urrogate: 4-Bromochlorobenzene-PID		82.9 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2451086
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	12/20/24	12/21/24	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/21/24	
Dil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/21/24	
urrogate: n-Nonane		102 %	50-200	12/20/24	12/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2451087
Chloride	2050	40.0	2	12/20/24	12/20/24	



	3	ample D	ลเล			
Devon Energy - Carlsbad	Project Name	: Bou	ndary Raider 7 C	ГВ 2		
6488 7 Rivers Hwy	Project Numb	oer: 010	58-0007			Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			12/30/2024 2:46:40PM
		BH04 - 3'				
		E412164-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2451086
Benzene	ND	0.0250	1	12/20/24	12/21/24	
Ethylbenzene	ND	0.0250	1	12/20/24	12/21/24	
Toluene	ND	0.0250	1	12/20/24	12/21/24	
o-Xylene	ND	0.0250	1	12/20/24	12/21/24	
p,m-Xylene	ND	0.0500	1	12/20/24	12/21/24	
Total Xylenes	ND	0.0250	1	12/20/24	12/21/24	
Surrogate: 4-Bromochlorobenzene-PID		82.7 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2451086
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/24	12/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	12/20/24	12/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2451093
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/24	12/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/24	12/21/24	
Surrogate: n-Nonane		99.1 %	50-200	12/20/24	12/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2451087
Chloride	265	20.0	1	12/20/24	12/20/24	



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(Boundary Raide)1058-0007 Ashley Gioveng					Reported: 12/30/2024 2:46:40PM
		Volatile Or	rganics	by EPA 802	21 B				Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	6 6	6 6	00	6 6					1,000
Blank (2451086-BLK1)							Prepared: 1	2/20/24 A	Analyzed: 12/20/24
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: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130			
LCS (2451086-BS1)							Prepared: 1	2/20/24 A	Analyzed: 12/20/24
Benzene	4.70	0.0250	5.00		94.0	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.7	70-130			
Toluene	4.76	0.0250	5.00		95.2	70-130			
o-Xylene	4.72	0.0250	5.00		94.3	70-130			
p,m-Xylene	9.52	0.0500	10.0		95.2	70-130			
Total Xylenes	14.2	0.0250	15.0		94.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.01		8.00		87.7	70-130			
LCS Dup (2451086-BSD1)							Prepared: 1	2/20/24 A	Analyzed: 12/21/24
Benzene	4.71	0.0250	5.00		94.2	70-130	0.194	20	
Ethylbenzene	4.73	0.0250	5.00		94.6	70-130	0.987	20	
Toluene	4.78	0.0250	5.00		95.6	70-130	0.448	20	
o-Xylene	4.73	0.0250	5.00		94.6	70-130	0.331	20	
p,m-Xylene	9.60	0.0500	10.0		96.0	70-130	0.808	20	
Total Xylenes	14.3	0.0250	15.0		95.5	70-130	0.650	20	
Surrogate: 4-Bromochlorobenzene-PID	6.97		8.00		87.2	70-130			



QC Summary Data

		QU V	/umm	ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manager	:	Boundary Raide 01058-0007 Ashley Gioveng					Reported: 12/30/2024 2:46:40PM
Arusia Nin, 88210		, ,			-				12/30/2024 2.40.401 W
	No	nhalogenated	Organic	s 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 (2451086-BLK1)							Prepared: 1	2/20/24 A	nalyzed: 12/20/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.3	70-130			
LCS (2451086-BS2)							Prepared: 1	2/20/24 A	analyzed: 12/21/24
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0		83.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		95.9	70-130			
LCS Dup (2451086-BSD2)							Prepared: 1	2/20/24 A	analyzed: 12/21/24
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130	3.59	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			



QC Summary Data

		QC D	uIIIII	lary Data	L				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:		Boundary Raider 01058-0007 Ashley Giovenge		2			Reported: 12/30/2024 2:46:40PM
	Nonh	alogenated Org	anics b	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 (2451093-BLK1)							Prepared: 1	12/20/24	Analyzed: 12/20/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	50-200			
LCS (2451093-BS1)							Prepared: 1	12/20/24	Analyzed: 12/20/24
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	50.7		50.0		101	50-200			
Matrix Spike (2451093-MS1)				Source: I	E412164-	08	Prepared: 1	12/20/24	Analyzed: 12/20/24
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	49.0		50.0		98.1	50-200			
Matrix Spike Dup (2451093-MSD1)				Source: I	E412164-	08	Prepared: 1	12/20/24	Analyzed: 12/20/24
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132	1.70	20	
Surrogate: n-Nonane	50.9		50.0		102	50-200			

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manager	: (Boundary Raide 01058-0007 Ashley Gioveng					Reported: 12/30/2024 2:46:40PM
		Anions by EPA 300.0/9056A						Analyst: JM	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	
Blank (2451087-BLK1)							Prepared: 12	2/20/24	Analyzed: 12/20/24
Chloride	ND	20.0							
LCS (2451087-BS1)							Prepared: 12	2/20/24	Analyzed: 12/20/24
Chloride	249	20.0	250		99.6	90-110			
LCS Dup (2451087-BSD1)							Prepared: 12	2/20/24	Analyzed: 12/20/24
Chloride	251	20.0	250		101	90-110	0.969	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:	Boundary Raider 7 CTB 2	
	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/30/24 14:46

ND	Analyte NOT DETECTED at or above the reporting limit

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


WO# 21457702

Chain of Custody

Wa)# 21·	1577	102						C	hain of	Cust	tody	,															Page _
	Clier	nt Inform	nation				In	voice	Infor	nation					La	b Us	e On	ly				T/	AT		Π		Stat	e
lient: D	evon					Compan	iy: D	evon					Lab WO# Job Numbe				ber		1D	2D	3D	Std		NM	CO UT	ТХ		
Project:	Boundary Ra	aider 7 Ci	ГВ 2			Address: 5315 Buena Vista Dr		E412164 61058-0					-00	67				X		X								
Project N	Aanager: Asl	hley Giov	engo			City, State, Zip: Carlsbad NM, 88220																	t	· · ·				
ddress:	3122 Nation	nal Parks	Hwy			Phone: (575)6	589-75	597		Analysis and Method EPA Program		am															
City, Stat	e, Zip: Carls	bad NM,	88220			Email: j	im.ral	ey@d	lvn.co	m	SDWA		CWA	RCRA														
hone:	575-988-005	5			[Miscellan																						
mail: a	giovengo@e	nsolum.c	om											я	S										Com	oliance	<u> </u>	or N
											1			y 8015	y 8015	-	_	0.0		×	읢				PWS	ID #		
				Sam	ple Inform	ation								ېم ۵	a Q	802	826(300	Ž	05 - T	Met							
Time Sampled	Date Sampled	Matrix	No. of Container	rs.		Samp	le ID				Field	u La Nun	ab nber	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					F	Remarks	
11:43	12/18/2024	s	1			BH01	L - 0'						_						х									
11:49	12/18/2024	s	1			BH01	l - 1'					6	λ						х									
11:56	12/18/2024	S	1			BH01	L - 3'					3	3 .						х									
12:24	12/18/2024	S	1			BHO	L - 5'					Ч							х									
12:36	12/18/2024	S	1			BHO	2 - 0'					5	;						х									
12:43	12/18/2024	s	1			BHO	2 - 1'					6	,						x									
12:47	12/18/2024	S	1			BHO	2 - 3'					7	2						x									-
13:10	12/18/2024	S	1			BHO	2 - 5'					Ē	3						x									
13:26	12/18/2024	S	1			BH03	3 - 0'					2	7						x									
13:30	12/18/2024	s	1			BH03	3 - 1')	0						x									
Addition	al Instructio	ns: Ple	ase CC:	cburton@e	ensolum.co	om, agiov	/engo	@ens	solum	.com, jin	n.raley	@dv	n.coi	n, ies	strel	la@e	nsol	um.c	com,	bdea	l@ei	nsol	um, (cham	ilton	@ens	iolum.c	om,
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	trix: S - Soil, Sd - S											ntaine		-							_							
Note: Sam	ples are discard	ded 14 day	s after re	sults are repoi	rted unless o	ther arrang	gement	ts are n	nade. H	azardous	samples	s will b	e retu	rned t	o clie	nt or (dispos	sed of	at the	clier	t expe	inse.	The re	eport f	for the	analys	sis of the	above

Released to Imaging: 7/9/2025 1:04:13 PM

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W0#21457702

Released to Imaging: 7/9/2025 1:04:13 PM

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Chain of Custody

l'anti D	Client Information				Invoice Information			Lab Use Only							TAT			State				
lienr: L	evon					mpany: D			Lab WO# Job Num				-	ber	+	1D 2		Std	NM			
	Boundary Ra	ider 7 CT	B 2				15 Buena Vista Dr E412/64 01058-000					7 †			X	X						
	lanager: Asl						p: Carlsbad N)												• ••	
	3122 Nation				Ph	one: (575)	589-7597							Ana	lysis	and f	Neth	ethod			EP/	A Program
	e, Zip: Carls				Er	nail: jim.ra	lev@dvn.com						1								SDWA	CWA RCR/
hone: 5	75-988-005	5				scellaneous		1	÷													
mail: a	iovengo@e	nsolum.c	om								្រុ	1 2									Complianc	e Y or
								5. 			y 8015	y 8015	=		8	5	ž	-22			PWSID #	
				Samp	le Informati	on					🖞	្ត្រឹ	80	826	e 8	ž	5	ž				
Time ampled	Date Sampled	Matrix	No. of Containers			Sample ID			Filter	Lab Numbe	Tanana Dradoro by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
13:35	12/18/2024	S	1			BH03 - 3'		L		(X						Page
13:59	12/18/2024	S	1			BH04 - 0'		1		る						X						
14:03	12/18/2024	s	1			BH04 - 1'				13						X						
14:08	12/18/2024	s	1			BH04 - 3'				JЦ						x					-	
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(field sam	bler), attest to the Bowan Simmons	e validity and	authenticity	of this sample	e. I am aware th	at tampering wi	th or intentionally n	islabeling tl	ne san	nple locat	tion, dat	e or tin	ne of co	llectio	n is cor	sidered	l fraud	and ma	/ be grou	unds for	r legal action.	
elinquish	ed by: (Signatu	re)	Date	-/ 19/24	^{Time} ሄ'እያ	Mich	elle Gon	sales	Date	19.20	4 (280	ຽ			-	l or rec	eived pac				n ice the day they are out less than 6 °C on
elinquish	ed by: (Signatu	re)	Date		IS4S	Received by	(Signature)		Date	.19.2.1	Tim	160						on ice		ab Us	se Only I	
eliniuish	ed by: (Signatu		Date		Time 2300	Received by	r: (Signature)		Date	-20-2	Tim	080				T1			T2			гз
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ample Mat	rix: S - Soil, Sd - S	iolid. Sg - Slu	dge, A - Aque	ous. 0 - Other		<u> </u>	-		Cont	ainer Ty	ype: g	- glas	s, p - 1	i poly/j	olasti	c, ag -	amb	er glass	, v - V(DA	<u> </u>	
						r arrangemen	ts are made. Haza														for the analy	sis of the above

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Devon Energy - Carlsbad Da	te Received:	12/20/24	08:00	Work Order ID:	E412164
Phone:	(505) 382-1211 Da	te Logged In:	12/19/24	16:21	Logged In By:	Noe Soto
Email:		e Date:	12/31/24	17:00 (4 day TAT)		
Chain of	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 t	he 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	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.	field,	Yes		Comment	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
6. Did th	e 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 ves	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 rec		Yes			
12 If	minutes of sampling		c			
	visible ice, record the temperature. Actual sample tem	iperature: <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)?					
	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?		NA			
	appropriate volume/weight or number of sample containers	collocted?	Yes Yes			
		conecteu?	105			
Field La	Del be field sample labels filled out with the minimum information	ation				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
(Collectors name?		No			
-	Preservation					
	s the COC or field labels indicate the samples were preserved	rved?	No			
	sample(s) correctly preserved?		NA			
24. Is lat	o filteration required and/or requested for dissolved meta	ls?	No			
	ase Sample Matrix					
	s 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 analyzed	!?	NA			
<u>Subcont</u>	ract Laboratory					
28. Are s	samples required to get sent to a subcontract laboratory?		No			

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

Boundary Raider 7 Federal #214H

Work Order: E501072

Job Number: 01058-0007

Received: 1/14/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 1/16/25

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: 1/16/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210



Page 77 of 220

Project Name: Boundary Raider 7 Federal #214H Workorder: E501072 Date Received: 1/14/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/14/2025 7:30:00AM, under the Project Name: Boundary Raider 7 Federal #214H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 7 Federal #214H 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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Sample Summary

		sample sum	mary		
Devon Energy - Carlsbad		Project Name:	Boundary Raider 7	Federal #214H	Reported:
6488 7 Rivers Hwy		Project Number:	01058-0007		in portui
Artesia NM, 88210		Project Manager:	Ashley Giovengo		01/16/25 14:03
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E501072-01A	Soil	01/10/25	01/14/25	Glass Jar, 2 oz.
BH01-1'	E501072-02A	Soil	01/10/25	01/14/25	Glass Jar, 2 oz.
BH02-0'	E501072-03A	Soil	01/10/25	01/14/25	Glass Jar, 2 oz.
BH02-1'	E501072-04A	Soil	01/10/25	01/14/25	Glass Jar, 2 oz.
BH03-0'	E501072-05A	Soil	01/10/25	01/14/25	Glass Jar, 2 oz.
BH03-1'	E501072-06A	Soil	01/10/25	01/14/25	Glass Jar, 2 oz.
BH04-0'	E501072-07A	Soil	01/10/25	01/14/25	Glass Jar, 2 oz.
BH04-1'	E501072-08A	Soil	01/10/25	01/14/25	Glass Jar, 2 oz.
BH05-0'	E501072-09A	Soil	01/10/25	01/14/25	Glass Jar, 2 oz.
BH05-1'	E501072-10A	Soil	01/10/25	01/14/25	Glass Jar, 2 oz.



		impic D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 010	ndary Raider 7 l 58-0007 ley Giovengo	Federal #214H		Reported: 1/16/2025 2:03:16PM
		BH01-0'				
]	E501072-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2503034
Benzene	2.50	0.125	5	01/14/25	01/15/25	
Ethylbenzene	22.8	0.125	5	01/14/25	01/15/25	
Toluene	41.2	0.125	5	01/14/25	01/15/25	
p-Xylene	29.7	0.125	5	01/14/25	01/15/25	
o,m-Xylene	80.9	0.250	5	01/14/25	01/15/25	
Fotal Xylenes	111	0.125	5	01/14/25	01/15/25	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	01/14/25	01/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503034
Gasoline Range Organics (C6-C10)	1280	100	5	01/14/25	01/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		118 %	70-130	01/14/25	01/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2503047
Diesel Range Organics (C10-C28)	16800	125	5	01/14/25	01/14/25	Т9
Dil Range Organics (C28-C36)	6750	250	5	01/14/25	01/14/25	
Surrogate: n-Nonane		452 %	50-200	01/14/25	01/14/25	\$5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2503030
Chloride	872	20.0	1	01/14/25	01/15/25	





	D	ampic D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 010	ndary Raider 7 Fe 58-0007 ley Giovengo	ederal #214H		Reported: 1/16/2025 2:03:16PM
		BH01-1'				
		E501072-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: SL		Batch: 2503034
Benzene	ND	0.0250	1	01/14/25	01/15/25	
Ethylbenzene	ND	0.0250	1	01/14/25	01/15/25	
Toluene	0.0260	0.0250	1	01/14/25	01/15/25	
p-Xylene	ND	0.0250	1	01/14/25	01/15/25	
o,m-Xylene	ND	0.0500	1	01/14/25	01/15/25	
Total Xylenes	ND	0.0250	1	01/14/25	01/15/25	
Surrogate: 4-Bromochlorobenzene-PID		82.2 %	70-130	01/14/25	01/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2503034
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/25	01/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	01/14/25	01/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2503047
Diesel Range Organics (C10-C28)	64.5	25.0	1	01/14/25	01/14/25	
Dil Range Organics (C28-C36)	62.8	50.0	1	01/14/25	01/14/25	
Surrogate: n-Nonane		108 %	50-200	01/14/25	01/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2503030
Chloride	173	20.0	1	01/14/25	01/15/25	



	D	ampic D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb		ndary Raider 7 Fe 58-0007	deral #214H		Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo		1/16/2025 2:03:16PM	
		BH02-0'				
		E501072-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2503034
Benzene	0.165	0.0250	1	01/14/25	01/14/25	
Ethylbenzene	0.0797	0.0250	1	01/14/25	01/14/25	
Toluene	0.426	0.0250	1	01/14/25	01/14/25	
p-Xylene	0.0596	0.0250	1	01/14/25	01/14/25	
o,m-Xylene	0.141	0.0500	1	01/14/25	01/14/25	
Fotal Xylenes	0.200	0.0250	1	01/14/25	01/14/25	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	01/14/25	01/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2503034
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/25	01/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	01/14/25	01/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: NV		Batch: 2503047
Diesel Range Organics (C10-C28)	5400	50.0	2	01/14/25	01/15/25	
Dil Range Organics (C28-C36)	2660	100	2	01/14/25	01/15/25	
Surrogate: n-Nonane		114 %	50-200	01/14/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: IY		Batch: 2503030
Chloride	50.6	20.0	1	01/14/25	01/15/25	



	D	ampic D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manaş	oer: 010	ndary Raider 7 Fe 58-0007 ley Giovengo		Reported: 1/16/2025 2:03:16PM	
		BH02-1'				
		E501072-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: SL		Batch: 2503034
Benzene	ND	0.0250	1	01/14/25	01/15/25	
Ethylbenzene	ND	0.0250	1	01/14/25	01/15/25	
Toluene	ND	0.0250	1	01/14/25	01/15/25	
p-Xylene	ND	0.0250	1	01/14/25	01/15/25	
o,m-Xylene	ND	0.0500	1	01/14/25	01/15/25	
Total Xylenes	ND	0.0250	1	01/14/25	01/15/25	
urrogate: 4-Bromochlorobenzene-PID		85.7 %	70-130	01/14/25	01/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2503034
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/25	01/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	01/14/25	01/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2503047
Diesel Range Organics (C10-C28)	ND	25.0	1	01/14/25	01/14/25	
Dil Range Organics (C28-C36)	ND	50.0	1	01/14/25	01/14/25	
Surrogate: n-Nonane		107 %	50-200	01/14/25	01/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: IY		Batch: 2503030
Chloride	33.6	20.0	1	01/14/25	01/15/25	



	D	ampic D	utu						
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 0103	ndary Raider 7 Fe 58-0007 ley Giovengo						
		BH03-0'							
		E501072-05							
		Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes			
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: SL		Batch: 2503034			
Benzene	ND	0.0250	1	01/14/25	01/14/25				
Ethylbenzene	ND	0.0250	1	01/14/25	01/14/25				
Toluene	ND	0.0250	1	01/14/25	01/14/25				
o-Xylene	ND	0.0250	1	01/14/25	01/14/25				
o,m-Xylene	ND	0.0500	1	01/14/25	01/14/25				
Total Xylenes	ND	0.0250	1	01/14/25	01/14/25				
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	01/14/25	01/14/25				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2503034			
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/25	01/14/25				
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	01/14/25	01/14/25				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2503047			
Diesel Range Organics (C10-C28)	31.7	25.0	1	01/14/25	01/14/25				
Dil Range Organics (C28-C36)	ND	50.0	1	01/14/25	01/14/25				
Surrogate: n-Nonane		115 %	50-200	01/14/25	01/14/25				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2503030			
Chloride	77.2	20.0	1	01/14/25	01/15/25				



		ampie D				
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Num		ndary Raider 7 Fe 58-0007	ederal #214H		Reported:
Artesia NM, 88210	Project Mana		ley Giovengo		1/16/2025 2:03:16P1	
		BH03-1'				
		E501072-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: SL		Batch: 2503034
Benzene	ND	0.0250	1	01/14/25	01/14/25	
Ethylbenzene	ND	0.0250	1	01/14/25	01/14/25	
oluene	ND	0.0250	1	01/14/25	01/14/25	
-Xylene	ND	0.0250	1	01/14/25	01/14/25	
p,m-Xylene	ND	0.0500	1	01/14/25	01/14/25	
Total Xylenes	ND	0.0250	1	01/14/25	01/14/25	
urrogate: 4-Bromochlorobenzene-PID		85.2 %	70-130	01/14/25	01/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2503034
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/25	01/14/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	01/14/25	01/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2503047
Diesel Range Organics (C10-C28)	ND	25.0	1	01/14/25	01/14/25	
Dil Range Organics (C28-C36)	ND	50.0	1	01/14/25	01/14/25	
Surrogate: n-Nonane		110 %	50-200	01/14/25	01/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2503030
Chloride	63.5	20.0	1	01/14/25	01/15/25	



Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 010:	ndary Raider 7 Fe 58-0007 ley Giovengo	deral #214H		Reported: 1/16/2025 2:03:16PM
Altesia INNI, 66210	Floject Manag		ley Gloveligo	1/10/2025 2.05.101 W		
		BH04-0'				
		E501072-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: SL		Batch: 2503034
Benzene	0.0680	0.0250	1	01/14/25	01/14/25	
Ethylbenzene	0.0395	0.0250	1	01/14/25	01/14/25	
Toluene	0.301	0.0250	1	01/14/25	01/14/25	
o-Xylene	0.0273	0.0250	1	01/14/25	01/14/25	
p,m-Xylene	0.0864	0.0500	1	01/14/25	01/14/25	
Total Xylenes	0.114	0.0250	1	01/14/25	01/14/25	
Surrogate: 4-Bromochlorobenzene-PID		85.3 %	70-130	01/14/25	01/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2503034
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/25	01/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	01/14/25	01/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2503047
Diesel Range Organics (C10-C28)	3160	25.0	1	01/14/25	01/14/25	
Oil Range Organics (C28-C36)	1780	50.0	1	01/14/25	01/14/25	
Surrogate: n-Nonane		113 %	50-200	01/14/25	01/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2503030
Chloride	1600	20.0	1	01/14/25	01/15/25	



	~	imple D				
Devon Energy - Carlsbad	Project Name:	Bou	ndary Raider 7 Fe	deral #214H		
6488 7 Rivers Hwy	Project Numbe	er: 010	58-0007			Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo		1/16/2025 2:03:16PM	
		BH04-1'				
		E501072-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2503034
Benzene	ND	0.0250	1	01/14/25	01/14/25	
Ethylbenzene	ND	0.0250	1	01/14/25	01/14/25	
Toluene	ND	0.0250	1	01/14/25	01/14/25	
o-Xylene	0.0414	0.0250	1	01/14/25	01/14/25	
o,m-Xylene	ND	0.0500	1	01/14/25	01/14/25	
Fotal Xylenes	0.0414	0.0250	1	01/14/25	01/14/25	
urrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	01/14/25	01/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2503034
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/25	01/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	01/14/25	01/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2503047
Diesel Range Organics (C10-C28)	ND	25.0	1	01/14/25	01/14/25	
Dil Range Organics (C28-C36)	ND	50.0	1	01/14/25	01/14/25	
Surrogate: n-Nonane		112 %	50-200	01/14/25	01/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2503030
Chloride	46.7	20.0	1	01/14/25	01/15/25	



		impic D				
Devon Energy - Carlsbad	Project Name:	Bou	ndary Raider 7 Fe	deral #214H		
6488 7 Rivers Hwy	Project Numbe	er: 0103	58-0007			Reported:
Artesia NM, 88210	Project Manag	er: Ash	ley Giovengo			1/16/2025 2:03:16PM
		BH05-0'				
]	E501072-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: SL		Batch: 2503034
Benzene	1.84	0.0500	2	01/14/25	01/14/25	
Ethylbenzene	11.9	0.0500	2	01/14/25	01/14/25	
Toluene	28.2	0.0500	2	01/14/25	01/14/25	
o-Xylene	16.2	0.0500	2	01/14/25	01/14/25	
p,m-Xylene	41.2	0.100	2	01/14/25	01/14/25	
Total Xylenes	57.5	0.0500	2	01/14/25	01/14/25	
urrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	01/14/25	01/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: SL		Batch: 2503034
Gasoline Range Organics (C6-C10)	491	40.0	2	01/14/25	01/14/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	01/14/25	01/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: NV		Batch: 2503047
Diesel Range Organics (C10-C28)	16900	500	20	01/14/25	01/15/25	Т9
Dil Range Organics (C28-C36)	7200	1000	20	01/14/25	01/15/25	
Surrogate: n-Nonane		463 %	50-200	01/14/25	01/15/25	<i>S5</i>
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: IY		Batch: 2503030
Chloride	11400	200	10	01/14/25	01/15/25	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manag	er: 010	ndary Raider 7 Fe 58-0007 ley Giovengo	ederal #214H		Reported: 1/16/2025 2:03:16PM
Altesia NM, 66210	Floject Malla	-	ley Gloveligo			1/10/2025 2:05:101 W
		BH05-1'				
		E501072-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2503034
Benzene	ND	0.0250	1	01/14/25	01/15/25	
Ethylbenzene	ND	0.0250	1	01/14/25	01/15/25	
Foluene	ND	0.0250	1	01/14/25	01/15/25	
p-Xylene	ND	0.0250	1	01/14/25	01/15/25	
o,m-Xylene	ND	0.0500	1	01/14/25	01/15/25	
Total Xylenes	ND	0.0250	1	01/14/25	01/15/25	
Surrogate: 4-Bromochlorobenzene-PID		83.7 %	70-130	01/14/25	01/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2503034
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/14/25	01/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	01/14/25	01/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2503047
Diesel Range Organics (C10-C28)	147	25.0	1	01/14/25	01/15/25	
Dil Range Organics (C28-C36)	84.2	50.0	1	01/14/25	01/15/25	
Surrogate: n-Nonane		109 %	50-200	01/14/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2503030
Chloride	ND	20.0	1	01/14/25	01/15/25	



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	oundary Raido 1058-0007 shley Gioveng		al #214H			Reported: 1/16/2025 2:03:16PM
		, ,		by EPA 802				Analyst: SL	
Analyte		Reporting	Spike	Source		Rec		RPD	
5	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503034-BLK1)							Prepared: 0	1/14/25 A	nalyzed: 01/14/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.94		8.00		86.7	70-130			
LCS (2503034-BS1)							Prepared: 0	1/14/25 A	nalyzed: 01/14/25
Benzene	4.87	0.0250	5.00		97.4	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.1	70-130			
Toluene	4.81	0.0250	5.00		96.1	70-130			
p-Xylene	4.69	0.0250	5.00		93.9	70-130			
p,m-Xylene	9.57	0.0500	10.0		95.7	70-130			
Total Xylenes	14.3	0.0250	15.0		95.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.94		8.00		86.7	70-130			
Matrix Spike (2503034-MS1)				Source:	E501072-	05	Prepared: 0	1/14/25 A	nalyzed: 01/14/25
Benzene	5.31	0.0250	5.00	ND	106	54-133			
Ethylbenzene	5.14	0.0250	5.00	ND	103	61-133			
Toluene	5.26	0.0250	5.00	ND	105	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.01		8.00		87.7	70-130			
Matrix Spike Dup (2503034-MSD1)				Source:	E501072-	05	Prepared: 0	1/14/25 A	nalyzed: 01/14/25
Benzene	4.89	0.0250	5.00	ND	97.8	54-133	8.30	20	
Ethylbenzene	4.74	0.0250	5.00	ND	94.8	61-133	8.01	20	
Toluene	4.85	0.0250	5.00	ND	97.0	61-130	8.11	20	
o-Xylene	4.74	0.0250	5.00	ND	94.7	63-131	7.98	20	
p,m-Xylene	9.67	0.0500	10.0	ND	96.7	63-131	7.79	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.0	63-131	7.85	20	
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.0	70-130			



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:	(Boundary Raide 01058-0007 Ashley Gioveng		ıl #214H			Reported: 1/16/2025 2:03:16PM
/ Heshi HH, 00210	Nor	nhalogenated C		,		RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	<u> </u>
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503034-BLK1)							Prepared: 0	1/14/25 A	Analyzed: 01/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			
LCS (2503034-BS2)							Prepared: 0	1/14/25 A	Analyzed: 01/14/25
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			
Matrix Spike (2503034-MS2)				Source:	E501072-	05	Prepared: 0	1/14/25 A	Analyzed: 01/14/25
Gasoline Range Organics (C6-C10)	39.0	20.0	50.0	ND	78.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			
Matrix Spike Dup (2503034-MSD2)				Source:	E501072-	05	Prepared: 0	1/14/25 A	Analyzed: 01/14/25
Gasoline Range Organics (C6-C10)	41.5	20.0	50.0	ND	83.1	70-130	6.33	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			

QC Summary Data

		QC BI		ary Data	L				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	(Boundary Raider 01058-0007 Ashley Gioveng		al #214H			Reported: 1/16/2025 2:03:16PM
	Nonha	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 (2503047-BLK1)							Prepared: 0	1/14/25 A	nalyzed: 01/14/25
Diesel Range Organics (C10-C28)	ND	25.0					_		-
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.4		50.0		111	50-200			
LCS (2503047-BS1)							Prepared: 0	1/14/25 A	nalyzed: 01/14/25
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	56.0		50.0		112	50-200			
Matrix Spike (2503047-MS1)				Source: 1	E501072-	03	Prepared: 01/14/25 Analyzed: 01/12		
Diesel Range Organics (C10-C28)	4670	50.0	250	5400	NR	38-132			M4
Surrogate: n-Nonane	56.6		50.0		113	50-200			
Matrix Spike Dup (2503047-MSD1)				Source: 1	E 501072 -	03	Prepared: 0	1/14/25 A	nalyzed: 01/15/25
Diesel Range Organics (C10-C28)	4360	50.0	250	5400	NR	38-132	6.80	20	M4
Surrogate: n-Nonane	55.7		50.0		111	50-200			



QC Summary Data

		~		v					
Devon Energy - Carlsbad		Project Name:	1	Boundary Raide	er 7 Federa	ıl #214H			Reported:
6488 7 Rivers Hwy		Project Number:	(01058-0007					•
Artesia NM, 88210		Project Manager	: /	Ashley Gioveng	go				1/16/2025 2:03:16PM
		Anions	by EPA	300.0/9056	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503030-BLK1)							Prepared: 0	1/14/25 A	nalyzed: 01/15/25
Chloride	ND	20.0							
LCS (2503030-BS1)							Prepared: 0	1/14/25 A	nalyzed: 01/15/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2503030-MS1)				Source:	E501072-	09	Prepared: 0	1/14/25 A	nalyzed: 01/15/25
Chloride	11800	200	250	11400	179	80-120			M4
Matrix Spike Dup (2503030-MSD1)				Source:	E501072-	09	Prepared: 0	1/14/25 A	nalyzed: 01/15/25
Chloride	10800	200	250	11400	NR	80-120	9.30	20	M4

QC Summary Report Comment:

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



D	evon Energy - Carlsbad	Project Name:	Boundary Raider 7 Federal #214H	
64	488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
A	rtesia NM, 88210	Project Manager:	Ashley Giovengo	01/16/25 14:03

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.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

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

						Chair	n of Ci	usto	ody											Page
	Clier	nt Inform	ation			Invoice Informati	on				La	b Us	e Oni	y		Т		TAT		State
lient: [evon											1D 2	D 3D S	std	NM CO UT TX					
Project:	Boundary Ra	ider 7 Fe	deral 214	H	Address: 5315 Buena Vista Dr			Lab WO# Job Number						<u>000</u>			×	:	x	
	Aanager: Asl				<u>City, State, Zip: Carlsbad NM, 8</u>)	_				- •	-						
	3122 Nation					e:_(575)689-7597			_				Anal	ysis	and N	leth	iod			EPA Program
	e, Zip: Carls		88220			: jim.raley@dvn.com													S	DWA CWA RCRA
	575-988-005				Misce	laneous: Jim Raley														mpliance Y or N
<u>maii: a</u>	giovengo@ei	nsolum.c	om							015	8015									ompliance Y or N WSID #
				Sample ir	nformation					Å	Å	021	93	ğ	Σ	ř	letal		- H	
Time Sampled	Date Sampled	Matrix	No. of Containers			mple ID	1	ilter	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks
9:46	1/10/2025	S	1		B	H01 - 0'			1			8			x		-			
9:52	1/10/2025	s	1		B	H01 - 1'			2						x					
10:02	1/10/2025	S	1		B	H02 - 0'			3						x					
10:07	1/10/2025	s	1		В	H02 - 1'			4						x					
10:19	1/10/2025	S	1		вноз - 0'				5						x					
10:25	1/10/2025	S	1		BH03 - 1'				6						x					
10:31	1/10/2025	S	1		В	H 04 - 0'			7						x					
10:42	1/10/2025	S	1		В	H04 - 1'			8						x					
10:47	1/10/2025	S	1			H05 - 0'			9						x					
10:51	1/10/2025	S	1			H05 - 1'			0						x					
dditior	al Instructio	ns: Plea	ase CC: cb	ourton@ensol	um.com, ag	iovengo@ensolum.com	n, jim.ra	aley@	⊉dvn.co	m, ie	strell	la@e	ensol	um.c	om, c	ham	hilton	@ensolu	m.cor	n,
(field sam		validity and		ensolum.com of this sample. I ar		mpering with or intentionally mis	labeling th	ne sam	ple location	n, date	or time	e of co	llection	is con	siderec	frauc	d and m	ay be ground	ds for leg	gal action.
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Mic	ed by: Signatur	ongri	Date	13:25 IS	530	eceived by: (Signature)		Date / • / .	3.25	Time	730	ວ			Rece	ved	on ic		b Use / N	Only
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	ed by: (Signatur		Date	Time	R	e (ou d'Ay. (Sign tube)		Date		Time					AVG			<u>4</u>		
	rix: S - Soil, Sd - So				place other an	angements are made. Hazaro												ise The re		the analysis of the above
						angements are made. Hazard s COC. The liability of the labo										chen	t expe	ise. me re	portio	the analysis of the above

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Devon Energy - Carlsbad	Date Received:	01/14/25	07:30	Work Order ID:	E501072
Phone:	(505) 382-1211	Date Logged In:	01/13/25	14:05	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/20/25	17:00 (4 day TAT)		
<u>Chain of</u>	f Custody (COC)					
1. Does t	he sample ID match the COC?		Yes			
2. Does t	he number of samples per sampling site location matc	h the COC	Yes			
3. Were a	samples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in 1 i.e, 15 minute hold time, are not included in this disucssior		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	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 ti	he sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are a minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample t	emperature: 4°	С			
	<u>Container</u>	1	_			
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample containe	ers collected?	Yes			
Field La						
	field sample labels filled out with the minimum infor	mation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes	L		
	Collectors name?		No			
	Preservation the control of the second secon	an sad	ът.			
	the COC or field labels indicate the samples were pre sample(s) correctly preserved?	scrveu?	No NA			
	sample(s) correctly preserved?	tale?	NA No			
			INO			
	ase Sample Matrix	0				
	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 analyz	xed?	NA			
	ract Laboratory_					
28. Are s	amples required to get sent to a subcontract laboratory a subcontract laboratory specified by the client and if s		No			

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



envirotech Inc.

-

Report to: Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:

Boundary Raider 7 Federal #214H

Work Order: E504037

Job Number: 23003-0002

Received: 4/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/11/25

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: 4/11/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210



Page 98 of 220

Project Name: Boundary Raider 7 Federal #214H Workorder: E504037 Date Received: 4/5/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2025 8:00:00AM, under the Project Name: Boundary Raider 7 Federal #214H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 7 Federal #214H 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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Sample Summarv

		Sample Sum	mary			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	Boundary Raider 7 23003-0002 Ashley Giovengo	Federal #214H	Reported: 04/11/25 08:41	
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
FS01-1'	E504037-01A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS02-1'	E504037-02A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS03-1'	E504037-03A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS04-1'	E504037-04A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS11-1'	E504037-05A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS05-1'	E504037-06A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS06-1'	E504037-07A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS07-1'	E504037-08A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS08-1'	E504037-09A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS15-1'	E504037-10A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS16-1'	E504037-11A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS17-1'	E504037-12A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS18-1'	E504037-13A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS25-1'	E504037-14A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS12-1'	E504037-15A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS24-1'	E504037-16A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	
FS26-1'	E504037-17A	Soil	04/03/25	04/05/25	Glass Jar, 2 oz.	



	D	ampic D	ata			
Devon Energy - Carlsbad	Project Name	: Bou	ndary Raider 7 F	ederal #214H		
6488 7 Rivers Hwy	Project Numb	er: 230	03-0002	Reported:		
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			4/11/2025 8:41:15AM
		FS01-1'				
		E504037-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/08/25	
oluene	ND	0.0250	1	04/07/25	04/08/25	
-Xylene	ND	0.0250	1	04/07/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/07/25	04/08/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		118 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: BA		Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2515016	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/07/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/07/25	
Surrogate: n-Nonane		99.9 %	61-141	04/07/25	04/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2515004
Chloride	76.4	20.0	1	04/07/25	04/07/25	



	C C	sample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Num Project Mana	ber: 230	ndary Raider 7 F 03-0002 ley Giovengo	ederal #214H		Reported: 4/11/2025 8:41:15AM
		FS02-1'				
		E504037-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/08/25	
Toluene	ND	0.0250	1	04/07/25	04/08/25	
p-Xylene	ND	0.0250	1	04/07/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/07/25	04/08/25	
Fotal Xylenes	ND	0.0250	1	04/07/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		119 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: BA		Batch: 2515012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: KH			Batch: 2515016
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/07/25	
Surrogate: n-Nonane		95.2 %	61-141	04/07/25	04/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2515004
Chloride	53.7	20.0	1	04/07/25	04/07/25	



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Devon Energy - Carlsbad	Project Nam	e: Bou	ndary Raider 7 Fe	deral #214H		
6488 7 Rivers Hwy	Project Num	ber: 230	03-0002		Reported:	
Artesia NM, 88210 Project Manager: Ashley Giovengo						4/11/2025 8:41:15AM
		FS03-1'				
		E504037-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/08/25	
Toluene	ND	0.0250	1	04/07/25	04/08/25	
o-Xylene	ND	0.0250	1	04/07/25	04/08/25	
p,m-Xylene	ND	0.0500	1	04/07/25	04/08/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		120 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: BA		Batch: 2515012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: KH			Batch: 2515016
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/07/25	
Surrogate: n-Nonane		91.7 %	61-141	04/07/25	04/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2515004
Chloride	205	20.0	1	04/07/25	04/07/25	

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Devon Energy - Carlsbad	Project Name	: Bou	ndary Raider 7	Federal #214H		
6488 7 Rivers Hwy	Project Numb	per: 230	Reported:			
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			4/11/2025 8:41:15AM
		FS04-1'				
		E504037-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/08/25	
Toluene	ND	0.0250	1	04/07/25	04/08/25	
p-Xylene	ND	0.0250	1	04/07/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/07/25	04/08/25	
Fotal Xylenes	ND	0.0250	1	04/07/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		121 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2515012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	kg Analyst: KH		Batch: 2515016	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/07/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/07/25	
Surrogate: n-Nonane		93.3 %	61-141	04/07/25	04/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2515004
Chloride	262	20.0	1	04/07/25	04/07/25	



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Devon Energy - Carlsbad	Project Name	e: Bou	ndary Raider 7 Fe	ederal #214H		
6488 7 Rivers Hwy	Project Numb	ber: 2300	03-0002	Reported:		
Artesia NM, 88210	Project Mana	iger: Ash	ley Giovengo			4/11/2025 8:41:15AM
		FS11-1'				
		E504037-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/08/25	
Toluene	ND	0.0250	1	04/07/25	04/08/25	
p-Xylene	ND	0.0250	1	04/07/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/07/25	04/08/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		121 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: KH		Batch: 2515016	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
Surrogate: n-Nonane		93.2 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2515004
Chloride	153	20.0	1	04/07/25	04/07/25	

Devon Energy - Carlsbad	Project Name	e: Bou	ndary Raider 7 F	ederal #214H		
6488 7 Rivers Hwy	Project Num	ber: 230	03-0002		Reported:	
Artesia NM, 88210	Project Mana	ager: Ash	ley Giovengo			4/11/2025 8:41:15AM
		FS05-1'				
		E504037-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/07/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/07/25	
Toluene	ND	0.0250	1	04/07/25	04/07/25	
o-Xylene	ND	0.0250	1	04/07/25	04/07/25	
o,m-Xylene	ND	0.0500	1	04/07/25	04/07/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/07/25	
urrogate: 4-Bromochlorobenzene-PID		117 %	70-130	04/07/25	04/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2515012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	04/07/25	04/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: KH			Batch: 2515016
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
Surrogate: n-Nonane		93.3 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2515004
Chloride	195	20.0	1	04/07/25	04/07/25	



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Devon Energy - Carlsbad	Project Name Project Numb		ndary Raider 7 Fe 03-0002	deral #214H		
6488 7 Rivers Hwy			Reported:			
Artesia NM, 88210	Project Mana	ger: Ash	ley Giovengo			4/11/2025 8:41:15AM
		FS06-1'				
		E504037-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	Analyst: BA		Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/08/25	
Toluene	ND	0.0250	1	04/07/25	04/08/25	
p-Xylene	ND	0.0250	1	04/07/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/07/25	04/08/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		121 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.1 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	cg Analyst: KH			Batch: 2515016
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
Surrogate: n-Nonane		92.3 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: JM		Batch: 2515004
Chloride	202	20.0	1	04/07/25	04/07/25	


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Devon Energy - Carlsbad	Project Name					
6488 7 Rivers Hwy	Project Num	ber: 230	03-0002			Reported:
Artesia NM, 88210	Project Mana	ager: Ash	ley Giovengo			4/11/2025 8:41:15AM
		FS07-1'				
		E504037-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/08/25	
Toluene	ND	0.0250	1	04/07/25	04/08/25	
o-Xylene	ND	0.0250	0.0250 1 04/07/25		04/08/25	
p,m-Xylene	ND	0.0500	1	04/07/25	04/08/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/08/25	
urrogate: 4-Bromochlorobenzene-PID		123 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.1 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: KH			Batch: 2515016
Diesel Range Organics (C10-C28)	32.3	25.0	1	04/07/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
Surrogate: n-Nonane		91.8 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2515004
Chloride	46.3	20.0	1	04/07/25	04/07/25	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 230	ndary Raider 7 Fe 03-0002 ley Giovengo	Reported: 4/11/2025 8:41:15AM		
		FS08-1'				
		E504037-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/08/25	
Toluene	ND	0.0250	1	04/07/25	04/08/25	
p-Xylene	ND	0.0250	0.0250 1 04/07/25		04/08/25	
p,m-Xylene	ND	0.0500	.0500 1 04/07/25		04/08/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		122 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	04/07/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515016
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
Surrogate: n-Nonane		91.0 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2515004
Chloride	209	20.0	1	04/07/25	04/07/25	



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Devon Energy - Carlsbad	Project Name					
6488 7 Rivers Hwy	Project Num	ber: 230	03-0002			Reported:
Artesia NM, 88210	Project Mana	ager: Ash	ley Giovengo			4/11/2025 8:41:15AM
		FS15-1'				
		E504037-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/09/25	
Toluene	0.0250	0.0250	1	04/07/25	04/09/25	
o-Xylene	ND	0.0250	0.0250 1 04/07/25		04/09/25	
o,m-Xylene	ND	0.0500	1	04/07/25	04/09/25	
Fotal Xylenes	ND	0.0250	1	04/07/25	04/09/25	
urrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.4 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515016
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
Gurrogate: n-Nonane		95.2 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	it: JM		Batch: 2515004
Chloride	73.7	20.0	1	04/07/25	04/07/25	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 230	ndary Raider 7 Fe 03-0002 ley Giovengo	Reported: 4/11/2025 8:41:15AM		
		FS16-1'				
		E504037-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: BA		
Benzene	ND	0.0250	1	04/07/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/09/25	
Toluene	ND	0.0250	1	04/07/25	04/09/25	
p-Xylene	ND	0.0250	1 04/07/25		04/09/25	
p,m-Xylene	ND	0.0500	1	04/07/25	04/09/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515016
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
Surrogate: n-Nonane		97.1 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	it: JM		Batch: 2515004
Chloride	57.3	20.0	1	04/07/25	04/07/25	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Nam Project Num Project Mana	ber: 230	ndary Raider 7 Fe 03-0002 ley Giovengo	Reported: 4/11/2025 8:41:15AM		
		FS17-1'				
		E504037-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/09/25	
Toluene	ND	0.0250	1 04/07/25		04/09/25	
-Xylene	ND	0.0250	1 04/07/25		04/09/25	
o,m-Xylene	ND	0.0500	1 04/07/25		04/09/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/09/25	
urrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/09/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	04/07/25	04/09/25	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515016
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
urrogate: n-Nonane		97.2 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2515004
Chloride	38.3	20.0	1	04/07/25	04/07/25	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Manag	ber: 230	ndary Raider 7 Fe 03-0002 ley Giovengo	Reported: 4/11/2025 8:41:15AM		
		FS18-1'				
		E504037-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: BA		
Benzene	ND	0.0250	1	04/07/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/09/25	
Toluene	ND	0.0250	1	04/07/25	04/09/25	
p-Xylene	ND	0.0250	1 04/07/25		04/09/25	
p,m-Xylene	ND	0.0500	1 04/07/25		04/09/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515016
Diesel Range Organics (C10-C28)	64.4	25.0	1	04/07/25	04/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
Surrogate: n-Nonane		98.0 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2515004
Chloride	272	20.0	1	04/07/25	04/07/25	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 230	ndary Raider 7 Fe )3-0002 ley Giovengo		<b>Reported:</b> 4/11/2025 8:41:15AM	
		FS25-1'				
		E504037-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/09/25	
Toluene	ND	0.0250	1	04/07/25	04/09/25	
p-Xylene	ND	0.0250	1	04/07/25	04/09/25	
o,m-Xylene	ND	0.0500	1	04/07/25	04/09/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515016
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
Surrogate: n-Nonane		98.0 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2515004
Chloride	75.3	20.0	1	04/07/25	04/07/25	



	~					
Devon Energy - Carlsbad	Project Name		ndary Raider 7 Fe	deral #214H		
6488 7 Rivers Hwy	Project Numb		03-0002		Reported:	
Artesia NM, 88210	Project Mana	iger: Ash	ley Giovengo		4/11/2025 8:41:15AM	
		FS12-1'				
		E504037-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/09/25	
Toluene	ND	0.0250	1	04/07/25	04/09/25	
o-Xylene	ND	0.0250	1	04/07/25	04/09/25	
p,m-Xylene	ND	0.0500	1	04/07/25	04/09/25	
Total Xylenes	ND	0.0250	1	04/07/25	04/09/25	
urrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/09/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: KH		Batch: 2515016
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
urrogate: n-Nonane		95.2 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: JM		Batch: 2515004
Chloride	260	20.0	1	04/07/25	04/07/25	



		ampre 2				
Devon Energy - Carlsbad	Project Name	e: Bou	ndary Raider 7 F	ederal #214H		
6488 7 Rivers Hwy	Project Numl	ber: 230	03-0002			Reported:
Artesia NM, 88210	Project Mana	iger: Ash	ley Giovengo			4/11/2025 8:41:15AM
		FS24-1'				
		E504037-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2515012
Benzene	ND	0.0250	1	04/07/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/07/25	04/09/25	
Toluene	ND	0.0250	1 04/07/25		04/09/25	
p-Xylene	ND	0.0250	0 1 04/07/25		04/09/25	
o,m-Xylene	ND	0.0500	1 04/07/25		04/09/25	
Fotal Xylenes	ND	0.0250	1	04/07/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2515012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	04/07/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2515016
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25	
Surrogate: n-Nonane		96.4 %	61-141	04/07/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2515004
Chloride	256	20.0	1	04/07/25	04/07/25	



	D	ampic D	ala					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 230	ndary Raider 7 Fo 03-0002 ley Giovengo					
		FS26-1'						
		E504037-17						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: BA				
Benzene	ND	0.0250	1	04/07/25	04/09/25			
Ethylbenzene	ND	0.0250	1	04/07/25	04/09/25			
Toluene	ND	0.0250	0.0250 1 04/07/25		04/09/25			
p-Xylene	ND	0.0250	1 04/07/25		04/09/25			
o,m-Xylene	ND	0.0500	0500 1 04/07/25		04/09/25			
Total Xylenes	ND	0.0250	1	04/07/25	04/09/25			
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	04/07/25	04/09/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2515012		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/07/25	04/09/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	04/07/25	04/09/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2515016		
Diesel Range Organics (C10-C28)	ND	25.0	1	04/07/25	04/08/25			
Oil Range Organics (C28-C36)	ND	50.0	1	04/07/25	04/08/25			
Surrogate: n-Nonane		95.2 %	61-141	04/07/25	04/08/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2515004		
Chloride	295	20.0	1	04/07/25	04/07/25			



## **QC Summary Data**

		QC D	u 111111 c	iny Dat	a					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		oundary Raido 3003-0002	er 7 Federa	ıl #214H			Reported:	
Artesia NM, 88210		Project Manager:	А	shley Gioveng	go				4/11/2025 8:41:15AM	
	Volatile Organics by EPA 8021B							Analyst: BA		
Analyte		Reporting	Spike	Source		Rec		RPD		
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2515012-BLK1)				Prepared: 04/					nalyzed: 04/07/25	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
p-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	9.06		8.00		113	70-130				
LCS (2515012-BS1)							Prepared: 0	4/07/25 A	nalyzed: 04/07/25	
Benzene	5.06	0.0250	5.00		101	70-130				
Ethylbenzene	4.88	0.0250	5.00		97.6	70-130				
Toluene	5.03	0.0250	5.00		101	70-130				
o-Xylene	4.87	0.0250	5.00		97.4	70-130				
p,m-Xylene	9.88	0.0500	10.0		98.8	70-130				
Total Xylenes	14.7	0.0250	15.0		98.3	70-130				
Surrogate: 4-Bromochlorobenzene-PID	9.23		8.00		115	70-130				
Matrix Spike (2515012-MS1)				Source:	E504037-	06	Prepared: 0	4/07/25 A	nalyzed: 04/07/25	
Benzene	4.64	0.0250	5.00	ND	92.9	70-130				
Ethylbenzene	4.51	0.0250	5.00	ND	90.2	70-130				
Toluene	4.63	0.0250	5.00	ND	92.6	70-130				
p-Xylene	4.50	0.0250	5.00	ND	90.0	70-130				
p,m-Xylene	9.16	0.0500	10.0	ND	91.6	70-130				
Total Xylenes	13.7	0.0250	15.0	ND	91.1	70-130				
Surrogate: 4-Bromochlorobenzene-PID	9.56		8.00		119	70-130				
Matrix Spike Dup (2515012-MSD1)				Source:	E504037-	06	Prepared: 0	4/07/25 A	nalyzed: 04/07/25	
Benzene	4.90	0.0250	5.00	ND	98.1	70-130	5.46	27		
Ethylbenzene	4.75	0.0250	5.00	ND	95.0	70-130	5.18	26		
Toluene	4.88	0.0250	5.00	ND	97.5	70-130	5.19	20		
Tolucile			5 00	ND	047	70-130	5.09	25		
o-Xylene	4.74	0.0250	5.00	ND	94.7	/0-150	5.07	25		
	4.74 9.64	0.0250 0.0500	10.0	ND ND	94.7 96.4	70-130	5.04	23		
o-Xylene										



## **QC Summary Data**

		$\mathbf{x} \in \mathbf{v}$			~						
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Boundary Raide 23003-0002	r 7 Federa			Reported:			
Artesia NM, 88210		Project Manager:		Ashley Gioveng	0				4/11/2025 8:41:15AM		
	Nonhalogenated Organics by EPA 8015D - GRO Analyst: B										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2515012-BLK1)							Prepared: 0	4/07/25 A	analyzed: 04/07/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130					
LCS (2515012-BS2)							Prepared: 0	4/07/25 A	analyzed: 04/07/25		
Gasoline Range Organics (C6-C10)	39.1	20.0	50.0		78.2	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130					
Matrix Spike (2515012-MS2)				Source:	E504037-	06	Prepared: 0	4/07/25 A	analyzed: 04/08/25		
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.4	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130					
Matrix Spike Dup (2515012-MSD2)				Source:	E504037-	06	Prepared: 0	4/07/25 A	analyzed: 04/08/25		
Gasoline Range Organics (C6-C10)	40.9	20.0	50.0	ND	81.9	70-130	1.89	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130					



## **QC Summary Data**

		QU N	<i>u</i>						
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	,	Boundary Raide 23003-0002		al #214H			Reported:
Artesia NM, 88210		Project Manager	: .	Ashley Gioveng	go				4/11/2025 8:41:15AM
	Nonha		Analyst: KH						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515016-BLK1)							Prepared: 0	4/07/25 A	nalyzed: 04/07/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.4		50.0		94.8	61-141			
LCS (2515016-BS1)							Prepared: 0	4/07/25 A	analyzed: 04/07/25
Diesel Range Organics (C10-C28)	238	25.0	250		95.1	66-144			
Surrogate: n-Nonane	47.4		50.0		94.7	61-141			
Matrix Spike (2515016-MS1)				Source:	E504037-	02	Prepared: 0	4/07/25 A	analyzed: 04/07/25
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	51.1		50.0		102	61-141			
Matrix Spike Dup (2515016-MSD1)				Source:	E504037-	02	Prepared: 0	4/07/25 A	analyzed: 04/07/25
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156	0.384	20	
Surrogate: n-Nonane	51.7		50.0		103	61-141			



## **QC Summary Data**

		L L		•					
Devon Energy - Carlsbad		Project Name:		Boundary Raide	r 7 Federa	ıl #214H			Reported:
6488 7 Rivers Hwy		Project Number:		23003-0002					
Artesia NM, 88210		Project Manager:		Ashley Gioveng	0				4/11/2025 8:41:15AM
		Anions	by EPA	300.0/9056A					Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515004-BLK1)							Prepared: 0	4/07/25 A	Analyzed: 04/07/25
Chloride	ND	20.0							
LCS (2515004-BS1)							Prepared: 0	4/07/25 A	Analyzed: 04/07/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2515004-MS1)				Source:	E504037-	07	Prepared: 0	4/07/25 A	Analyzed: 04/07/25
Chloride	454	20.0	250	202	101	80-120			
Matrix Spike Dup (2515004-MSD1)				Source:	E504037-	07	Prepared: 0	4/07/25 A	Analyzed: 04/07/25
Chloride	452	20.0	250	202	100	80-120	0.515	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:	Boundary Raider 7 Federal #214H	
6488 7 Rivers Hwy	Project Number:	23003-0002	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/11/25 08:41

ND Analyte NOT DETECTED at or above the reporting limit	i
---------------------------------------------------------	---

- 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**

roject Ma ddress: ity, State hone: 57		y Rai.									La		C			and the second sec					
roject Ma ddress: ity, State hone: 57	anager: Asl	y Kai.				mpany:			Lab	WO#		-	Job N	umb	er	1D	2D 3D				
ddress: 3 ity, State hone: 57				Fed 2194	f <u>Ad</u>	dress: 5	315 Buena Vista D	)r	_ E4	504	03	7	230	30	102			X	X	3.615	
ity, State hone: 57	3122 Nation						Zip: Carlsbad NM	, 88220	_	-					-						
hone: 57					Pho	one: (575	5)689-7597		_	· · · · ·		_	Anal	sis a	nd Me			EPA Program			
	, Zip: Carls		88220		Em	ail: jim.	raley@dvn.com		_										SDWA	CWA	RCRA
mail: agi	75-988-005				Mis	cellaneo	us: Jim Raley														
	iovengo@e	nsolum.co	om							8015	8015								Compliand	e Y	or N
-									_	oy 8(		21	8	0.0	Z X	tals			PWSID #	-	
				Sample I	Informatio	on		E I		RO	ROF	y 80	/ 826	le 30	- SOC -	3 Me				-	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample I	D	Field Filter	Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
238	4/3/25	5011	1		Fe	501-	1)		1						X				6		
240	1		1			02	1		2						X						
242						03			3						X						
243						04			4						X						
245						1)			5						X						
1250						65			6						X						
1252						Dip		11	7						X						
1253						07			8						X						
255						08			9						X						
1259	Y	V	1		V	15	V		ю						X						
dditiona	al Instructio	ns: Plea	ise CC: cbu	urton@enso	lum.com,	agioven	go@ensolum.com	, jim.raley(	odvn.co	m, ch	namil	ton	@ensc	lum	com, i	estrella	@enso	lum.c	om		
(field sampl	ler), attest to the	validity and	authenticity o	of this sample. I a	am aware that	t tampering	with or intentionally mis	labeling the sam	ple locatio	n, date	or time	e of co	llection	s cons	idered fra	ud and m	ay be grou	inds for	legal action.		
	_Israel Estrella_	_								1					_						
elinquisher	d by: (Signatu		Date	Time	e	Received	by: (Signature) Nelle, Gonze	Date	1175	Time									ist be received temp above 0		
	l l z			425 -	1-1	- Jug	Male Gonze	neg 4	4-25	67	_				ubsequent	and the second second second					
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Note: Sampl	les are discard	led 14 days	after results	are reported u			ents are made. Hazard	lous samples v	vill be ret	urned t	to clier	nt or	dispose	d of a	t the cli				for the anal	ysis of the	above
amples is a	applicable only	to those sa	amples receiv	ved by the labo	oratory with	this COC.	The liability of the labo	pratory is limit	ed to the	amour	nt paid	for o	on the r	eport				-			
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													3			F		V		$\mathbf{O}$	T P

Received by OCD: 5/20/2025 7:45:21 AM

Page _

of

### **Chain of Custody**

lient: Devon roject: Borndary Paid of roject Manager: Ashley Giover ddress: 3122 National Parks Hy ity, State, Zip: Carlsbad NM, 88 hone: 575-988-0055 mail: agiovengo@ensolum.con	<u>r 7 Fed 219H</u> go vy 220 <u>I</u> M	Company: Devon Address: 5315 Buena Vista Dr City, State, Zip: Carlsbad NM, 8 hone: (575)689-7597 Email: jim.raley@dvn.com liscellaneous: Jim Raley	3220	La <u>E'</u> 	504	03		Job N 230	03-0	er 202	1	D 2D 3	D Std	NM CO UT TX
roject Manager: Ashley Giover Address: 3122 National Parks Hv ity, State, Zip: Carlsbad NM, 88 hone: 575-988-0055 mail: agiovengo@ensolum.com Time Sampled Date Sampled Matrix 258 4/3/25 5011	go vy 220 N Sample Informa	<u>City, State, Zip: Carlsbad NM, 8</u> hone: (575)689-7597 Email: jim.raley@dvn.com liscellaneous: Jim Raley	3220	<u>E</u>	504	03			03.0	2012			X	X
ddress: 3122 National Parks Hv ity, State, Zip: Carlsbad NM, 88 hone: 575-988-0055 mail: agiovengo@ensolum.con	Sample Informa	hone: (575)689-7597 Email: jim.raley@dvn.com Iiscellaneous: Jim Raley	3220	_	F									
ty, State, Zip: Carlsbad NM, 88 hone: 575-988-0055 mail: agiovengo@ensolum.con	Sample Informa	Email: jim.raley@dvn.com liscellaneous: Jim Raley		_	-									
Time Date Sampled Matrix 258 4/3/25 5011	Sample Informa	liscellaneous: Jim Raley		-	10				ysis a	is and Met		thod		EPA Program
Time ampled Date Sampled Matrix 258 4/3/25 5011	Sample Informa		_										-	SDWA CWA RCRA
Time ampled Date Sampled Matrix 258 4/3/25 5011	Sample Informa	tion		(1									C C	Compliance Y or N
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ampled Date Sampled Matrix 258 4/3/25 5011					No by	(d OS	802	8260	= 300	- NN	05 - T			
		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 PCDA © Matale			Remarks
314	1 +	-516-1 ¹		11						K				
		1171		12						X				
1312		18		13						X				
1316		25		14					4	X				
1420		12		15				_	_	X				
473		24		16						X				
1427 L L	1	1241		17						X				
				1										
				1						_				
dditional Instructions: Please	CC: cburton@ensolum.com	m, agiovengo@ensolum.com, ji	m.raley	@dvn.c	om, c	hamil	ton@	Denso	olum	.com,	iestr	ella@ens	olum.co	om
(field sampler), attest to the validity and au	thenticity of this sample. I am aware	that tampering with or intentionally mislabe	ling the sa	nple locati	ion, date	or time	e of col	llection	is cons	sidered	fraud a	nd may be gr	ounds for l	egal action.
ampled by: _Israel Estrella elinquished by: (Signature)	Date	Received by: (Signature) Michelle Gonzal	Date	11.10	Time		-							t be received on ice the day they are temp above 0 but less than 6 °C on
elinquished by: (Signature)	A 4 25 7=11 Date Time	Received by: (Signature)	Date		Time	711	20		4	subseque	ent davs		Lab Use	
Vichelle Gonzaleg elingusped by (Signature)	Date Time	Received by (Signature)	Date	4.23	Time	00				Recei	ved o	n ice: (	(Y) / N	
elinquished by: (Signature)	4.4.25 2300 Date Time	Received by: (Signature)	Date		Time					<u>T1</u>		<u> </u>	2	<u> T3</u>
		interes of the Busided								AVG		°c4	TOA	
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge		ner arrangements are made. Hazardous						_			_	glass, v -		or the analysis of the above

### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

structions	: Please take note of any NO checkmarks.	Sample	Receipt	Checklist (SRC)	)		
	e no response concerning these items within 24 hours of the	date of this not	ice, all the	samples will be ana	lyzed as req	uested.	
Client:	Devon Energy - Carlsbad Da	ate Received:	04/05/25	08:00		Work Order ID:	E504037
Phone:	(505) 382-1211 Da	ate Logged In:	04/04/25	15:00		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com Du	ue Date:	04/11/25	17:00 (4 day TAT)			
Chain o	f Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location match	the COC	Yes				
	samples dropped off by client or carrier?		Yes	Carrier: C	ourior		
	he COC complete, i.e., signatures, dates/times, requested	analyses?	Yes	Camer. <u>C</u>	ourier		
	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the		Yes			Commen	ts/Resolution
Samula	i.e, 15 minute hold time, are not included in this disucssion.			ſ		commen	
	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, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling o visible ice, record the temperature. Actual sample ter	ceived w/i 15	Yes				
		iiperature. <u>4</u>	<u>c</u>				
	<u>Container</u>		NT				
	aqueous VOC samples present?		No NA				
	VOC samples collected in VOA Vials? 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?	a all a stad 9	Yes Yes				
	e appropriate volume/weight or number of sample containers	confected?	res				
Field La	<b>idel</b> e field sample labels filled out with the minimum inform	ation					
	Sample ID?	ation.	Yes				
	Date/Time Collected?		Yes	l			
(	Collectors name?		Yes				
<u>Sample</u>	Preservation						
21. Does	s the COC or field labels indicate the samples were prese	erved?	No				
	sample(s) correctly preserved?		NA				
24. Is lat	b filtration required and/or requested for dissolved metal	s?	No				
Multiph	ase Sample Matrix						
26. Does	s 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				
Subcont	tract Laboratory_						
28. Are s	samples required to get sent to a subcontract laboratory?		No				
	a subcontract laboratory specified by the client and if so		NA	Subcontract Lab	: NA		
<u>Client l</u>	Instruction						







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: Boun

Boundary Raider 7 Fed 214H

Work Order: E504047

Job Number: 01058-0007

Received: 4/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/14/25

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: 4/14/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Boundary Raider 7 Fed 214H Workorder: E504047 Date Received: 4/8/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/8/2025 8:00:00AM, under the Project Name: Boundary Raider 7 Fed 214H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 7 Fed 214H 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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### **Sample Summary**

		Sample Sum	mary		
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	Boundary Raider 7 01058-0007 Ashley Giovengo	Fed 214H	<b>Reported:</b> 04/14/25 08:27
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S27-1'	E504047-01A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
S28-1'	E504047-02A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
529-1'	E504047-03A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
530-1'	E504047-04A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
531-1'	E504047-05A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
532-1'	E504047-06A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
533-1'	E504047-07A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
534-1'	E504047-08A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
535-1'	E504047-09A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
\$36-1'	E504047-10A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
\$37-1'	E504047-11A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
538-1'	E504047-12A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
\$09-2'	E504047-13A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
\$10-2'	E504047-14A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
513-2'	E504047-15A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
S14-2'	E504047-16A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
519-2'	E504047-17A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
320-2'	E504047-18A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
522-2'	E504047-19A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.
523-2'	E504047-20A	Soil	04/04/25	04/08/25	Glass Jar, 2 oz.



		ampic D				
Devon Energy - Carlsbad	Project Name	e: Bou	ndary Raider	7 Fed 214H		
6488 7 Rivers Hwy	Project Numb	ber: 0105	58-0007			Reported:
Artesia NM, 88210	Project Mana	ger: Ash	ley Giovengo			4/14/2025 8:27:10AM
		FS27-1'				
		E504047-01				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
oluene	ND	0.0250	1	04/08/25	04/08/25	
o-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Total Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/08/25	
Surrogate: n-Nonane		97.9 %	61-141	04/08/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: DT		Batch: 2515037
Chloride	127	20.0	1	04/08/25	04/08/25	



	5	ampic D	ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb	oer: 0103	ndary Raider 7 Fe 58-0007	ed 214H		Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			4/14/2025 8:27:10AM
		FS28-1'				
		E504047-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
Toluene	ND	0.0250	1	04/08/25	04/08/25	
o-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Fotal Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.4 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/08/25	
Surrogate: n-Nonane		96.5 %	61-141	04/08/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515037
Chloride	77.1	20.0	1	04/08/25	04/08/25	



	D		aia			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	ndary Raider 7 Fe 58-0007 ley Giovengo	ed 214H		<b>Reported:</b> 4/14/2025 8:27:10AM
		FS29-1'				
		E504047-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
Toluene	ND	0.0250	1	04/08/25	04/08/25	
p-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Fotal Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2515031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/08/25	
Surrogate: n-Nonane		96.9 %	61-141	04/08/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515037
Chloride	117	20.0	1	04/08/25	04/08/25	



	D		aca			
Devon Energy - Carlsbad	Project Name	e: Bou	ndary Raider 7 Fe	d 214H		
6488 7 Rivers Hwy	Project Numb	oer: 010	58-0007			Reported:
Artesia NM, 88210	Project Mana	ger: Ash	ley Giovengo			4/14/2025 8:27:10AM
		FS30-1'				
		E504047-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
Toluene	ND	0.0250	1	04/08/25	04/08/25	
p-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Fotal Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2515035	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/08/25	
Surrogate: n-Nonane		98.8 %	61-141	04/08/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: DT		Batch: 2515037
Chloride	ND	20.0	1	04/08/25	04/08/25	



	b		ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	ndary Raider 7 Fe 58-0007 ley Giovengo	ed 214H		<b>Reported:</b> 4/14/2025 8:27:10AM
		FS31-1'				
		E504047-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
Foluene	ND	0.0250	1	04/08/25	04/08/25	
p-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Fotal Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/08/25	
Surrogate: n-Nonane		96.7 %	61-141	04/08/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515037
Chloride	125	20.0	1	04/08/25	04/08/25	



	b	ampic D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	ndary Raider 7 Fe 58-0007 ley Giovengo	ed 214H		<b>Reported:</b> 4/14/2025 8:27:10AM
		FS32-1'				
		E504047-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
thylbenzene	ND	0.0250	1	04/08/25	04/08/25	
oluene	ND	0.0250	1	04/08/25	04/08/25	
-Xylene	ND	0.0250	1	04/08/25	04/08/25	
,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
otal Xylenes	ND	0.0250	1	04/08/25	04/08/25	
urrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2515031	
asoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	04/08/25	04/08/25	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: KH			Batch: 2515035
viesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/08/25	
urrogate: n-Nonane		95.2 %	61-141	04/08/25	04/08/25	
anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2515037
Chloride	85.5	20.0	1	04/08/25	04/08/25	



	D		ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	ndary Raider 7 Fe 58-0007 ley Giovengo	d 214H		<b>Reported:</b> 4/14/2025 8:27:10AM
		FS33-1'				
		E504047-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
Foluene	ND	0.0250	1	04/08/25	04/08/25	
p-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Fotal Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/08/25	
Surrogate: n-Nonane		98.1 %	61-141	04/08/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: DT		Batch: 2515037
Chloride	62.5	20.0	1	04/08/25	04/08/25	



	ampic D	uca			
5		2	d 214H		
5					Reported:
Project Manag	ger: Ash	ey Giovengo			4/14/2025 8:27:10AN
	FS34-1'				
	E504047-08				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst	: SL		Batch: 2515031
ND	0.0250	1	04/08/25	04/08/25	
ND	0.0250	1	04/08/25	04/08/25	
ND	0.0250	1	04/08/25	04/08/25	
ND	0.0250	1	04/08/25	04/08/25	
ND	0.0500	1	04/08/25	04/08/25	
ND	0.0250	1	04/08/25	04/08/25	
	99.7 %	70-130	04/08/25	04/08/25	
mg/kg	mg/kg	Analyst	: SL		Batch: 2515031
ND	20.0	1	04/08/25	04/08/25	
	93.9 %	70-130	04/08/25	04/08/25	
mg/kg	mg/kg	Analyst	: KH		Batch: 2515035
ND	25.0	1	04/08/25	04/08/25	
ND	50.0	1	04/08/25	04/08/25	
	97.8 %	61-141	04/08/25	04/08/25	
mg/kg	mg/kg	Analyst	: DT		Batch: 2515037
	Project Name Project Numb Project Manag Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:         Bour           Project Number:         0105           Project Manager:         Ashl           FS34-1'         E504047-08           Result         Limit           mg/kg         mg/kg           MD         0.0250           ND         20.0           gal.9 %         mg/kg           MD         25.0           ND         50.0           ND         50.0           ND         50.0 <td>Project Number:       $01058-0007$         Project Manager:       $Ashley Giovengo$         FS34-1'         E504047-08         Reporting         Result       Limit       Dilution         mg/kg       mg/kg       Analyst         ND       $0.0250$       1         ND       $20.0$       1         mg/kg       mg/kg       Analyst         MD       $25.0$       1         ND       $25.0$       1         ND       $50.0$       1         MD       $50.0$       1         MD       $50.0$       1         MD       $50.0$ <th< td=""><td>I         Project Name:       Boundary Raider 7 Fed 214H         Project Number:       01058-0007         Project Manager:       Ashley Giovengo         FS34-1'         FS34-1'         E504047-08         Result       Dilution       Prepared         MD       0.0250       1       04/08/25         ND       0.0250       1       04/08/25         MD       20.0       1       04/08/25         MD       20.0       1       04/08/25         MD       20.0       1       04/08/25         MD       25.0       1       04/08/25         MD       25.0       1       04/08</td><td>Voject Name:       Boundary Raider 7 Fed 214H         Project Number:       01058-0007         Project Manager:       Ashley Giovengo         FS34-1'         E504047-08         Resolt         Reporting       Prepared       Analyzed         MD       0.0250       1       04/08/25       04/08/25         ND       20.0       1       04/08/25       04/08/25       04/08/25</td></th<></td>	Project Number: $01058-0007$ Project Manager: $Ashley Giovengo$ FS34-1'         E504047-08         Reporting         Result       Limit       Dilution         mg/kg       mg/kg       Analyst         ND $0.0250$ 1         ND $20.0$ 1         mg/kg       mg/kg       Analyst         MD $25.0$ 1         ND $25.0$ 1         ND $50.0$ 1         MD $50.0$ 1         MD $50.0$ 1         MD $50.0$ <th< td=""><td>I         Project Name:       Boundary Raider 7 Fed 214H         Project Number:       01058-0007         Project Manager:       Ashley Giovengo         FS34-1'         FS34-1'         E504047-08         Result       Dilution       Prepared         MD       0.0250       1       04/08/25         ND       0.0250       1       04/08/25         MD       20.0       1       04/08/25         MD       20.0       1       04/08/25         MD       20.0       1       04/08/25         MD       25.0       1       04/08/25         MD       25.0       1       04/08</td><td>Voject Name:       Boundary Raider 7 Fed 214H         Project Number:       01058-0007         Project Manager:       Ashley Giovengo         FS34-1'         E504047-08         Resolt         Reporting       Prepared       Analyzed         MD       0.0250       1       04/08/25       04/08/25         ND       20.0       1       04/08/25       04/08/25       04/08/25</td></th<>	I         Project Name:       Boundary Raider 7 Fed 214H         Project Number:       01058-0007         Project Manager:       Ashley Giovengo         FS34-1'         FS34-1'         E504047-08         Result       Dilution       Prepared         MD       0.0250       1       04/08/25         ND       0.0250       1       04/08/25         MD       20.0       1       04/08/25         MD       20.0       1       04/08/25         MD       20.0       1       04/08/25         MD       25.0       1       04/08/25         MD       25.0       1       04/08	Voject Name:       Boundary Raider 7 Fed 214H         Project Number:       01058-0007         Project Manager:       Ashley Giovengo         FS34-1'         E504047-08         Resolt         Reporting       Prepared       Analyzed         MD       0.0250       1       04/08/25       04/08/25         ND       20.0       1       04/08/25       04/08/25       04/08/25



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Devon Energy - Carlsbad	Project Name		ndary Raider 7 Fe	d 214H		
6488 7 Rivers Hwy	Project Numb		58-0007			Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			4/14/2025 8:27:10AM
		FS35-1'				
		E504047-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
Toluene	ND	0.0250	1	04/08/25	04/08/25	
p-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Total Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/08/25	
Surrogate: n-Nonane		95.9 %	61-141	04/08/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515037
Chloride	30.2	20.0	1	04/08/25	04/08/25	



	D		ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	ndary Raider 7 Fe 58-0007 ley Giovengo	ed 214H		<b>Reported:</b> 4/14/2025 8:27:10AM
	5	FS36-1'	, ,			
		E504047-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
Toluene	ND	0.0250	1	04/08/25	04/08/25	
o-Xylene	ND	0.0250	1	04/08/25	04/08/25	
p,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Total Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2515031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/08/25	
Surrogate: n-Nonane		97.1 %	61-141	04/08/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515037
Chloride	33.8	20.0	1	04/08/25	04/08/25	



	5	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb	oer: 0103	ndary Raider 7 F 58-0007	ed 214H		<b>Reported:</b> 4/14/2025 8:27:10AM
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			4/14/2025 8:27:10AM
		FS37-1'				
		E504047-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
Foluene	ND	0.0250	1	04/08/25	04/08/25	
p-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Fotal Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: SL			Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/08/25	
Surrogate: n-Nonane		97.2 %	61-141	04/08/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2515037
Chloride	ND	20.0	1	04/08/25	04/08/25	



		ample D				
Devon Energy - Carlsbad	Project Name	e: Bou	ndary Raider 7 Fe	d 214H		
6488 7 Rivers Hwy	Project Numb	ber: 0105	58-0007		Reported:	
Artesia NM, 88210	Project Mana	ger: Ash	ley Giovengo			4/14/2025 8:27:10AM
		FS38-1'				
		E504047-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
Toluene	ND	0.0250	1	04/08/25	04/08/25	
o-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Fotal Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/08/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/08/25	
Surrogate: n-Nonane		99.4 %	61-141	04/08/25	04/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515037
Chloride	32.5	20.0	1	04/08/25	04/08/25	



	5	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 0105	ndary Raider 7 Fe 58-0007 ley Giovengo	ed 214H		<b>Reported:</b> 4/14/2025 8:27:10AM
Altesia Initi, 60210	Tiojeet Wana	-	icy Gloveligo			6162023 0.27.1011M
		FS09-2' E504047-13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
Foluene	ND	0.0250	1	04/08/25	04/08/25	
o-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Total Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: SL		Batch: 2515031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2515035		
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/09/25	
Surrogate: n-Nonane		99.7 %	61-141	04/08/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515037
Chloride	131	20.0	1	04/08/25	04/08/25	


	3	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	oer: 0103	ndary Raider 7 1 58-0007 ley Giovengo	<b>Reported:</b> 4/14/2025 8:27:10AM		
		FS10-2'				
		E504047-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Batch: 2515031		
Benzene	ND	0.0250	1	04/08/25	04/08/25	
thylbenzene	ND	0.0250	1	04/08/25	04/08/25	
oluene	ND	0.0250	1	04/08/25	04/08/25	
o-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Total Xylenes	ND	0.0250	1	04/08/25	04/08/25	
urrogate: 4-Bromochlorobenzene-PID		100 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/09/25	
urrogate: n-Nonane		100 %	61-141	04/08/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2515037
Chloride	62.3	20.0	1	04/08/25	04/08/25	



	0	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	ndary Raider 7 Fo 58-0007 ley Giovengo	<b>Reported:</b> 4/14/2025 8:27:10AM		
		FS13-2'				
		E504047-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Batch: 2515031		
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/08/25	
Toluene	ND	0.0250	1	04/08/25	04/08/25	
p-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Fotal Xylenes	ND	0.0250	1	04/08/25	04/08/25	
Surrogate: 4-Bromochlorobenzene-PID		98.4 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/09/25	
Surrogate: n-Nonane		99.8 %	61-141	04/08/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2515037
Chloride	492	20.0	1	04/08/25	04/08/25	



	5	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 010:	ndary Raider 7 Fe 58-0007 ley Giovengo	<b>Reported:</b> 4/14/2025 8:27:10AM		
		FS14-2'				
		E504047-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Batch: 2515031		
Benzene	ND	0.0250	1	04/08/25	04/08/25	
Ithylbenzene	ND	0.0250	1	04/08/25	04/08/25	
oluene	ND	0.0250	1	04/08/25	04/08/25	
-Xylene	ND	0.0250	1	04/08/25	04/08/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/08/25	
Total Xylenes	ND	0.0250	1	04/08/25	04/08/25	
urrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/08/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	04/08/25	04/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/09/25	
Gurrogate: n-Nonane		97.2 %	61-141	04/08/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515037
Chloride	206	20.0	1	04/08/25	04/08/25	



	a	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 010:	ndary Raider 7 Fe 58-0007 ley Giovengo	<b>Reported:</b> 4/14/2025 8:27:10AM		
		FS19-2'				
		E504047-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Batch: 2515031		
Benzene	ND	0.0250	1	04/08/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/09/25	
Toluene	ND	0.0250	1	04/08/25	04/09/25	
p-Xylene	ND	0.0250	1	04/08/25	04/09/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/09/25	
Fotal Xylenes	ND	0.0250	1	04/08/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/08/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	04/08/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/09/25	
Surrogate: n-Nonane		97.5 %	61-141	04/08/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	ıt: DT		Batch: 2515037
Chloride	260	20.0	1	04/08/25	04/08/25	



	0	ample D	ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	ndary Raider 7 Fe 58-0007 ley Giovengo	<b>Reported:</b> 4/14/2025 8:27:10AM		
		FS20-2'				
		E504047-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Batch: 2515031		
Benzene	ND	0.0250	1	04/08/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/09/25	
Toluene	ND	0.0250	1	04/08/25	04/09/25	
o-Xylene	ND	0.0250	1	04/08/25	04/09/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/09/25	
Fotal Xylenes	ND	0.0250	1	04/08/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	04/08/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	04/08/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/09/25	
Surrogate: n-Nonane		99.6 %	61-141	04/08/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515037
Chloride	49.8	20.0	1	04/08/25	04/08/25	



	5		ala			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	ndary Raider 7 Fe 58-0007 ley Giovengo		<b>Reported:</b> 4/14/2025 8:27:10AM	
		FS22-2'				
		E504047-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515031
Benzene	ND	0.0250	1	04/08/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/08/25	04/09/25	
Toluene	ND	0.0250	1	04/08/25	04/09/25	
p-Xylene	ND	0.0250	1	04/08/25	04/09/25	
o,m-Xylene	ND	0.0500	1	04/08/25	04/09/25	
Total Xylenes	ND	0.0250	1	04/08/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	04/08/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	04/08/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515035
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/09/25	
Surrogate: n-Nonane		113 %	61-141	04/08/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515037
Chloride	180	20.0	1	04/08/25	04/08/25	



	b		ata					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 010	ber: 01058-0007					
		FS23-2'						
		E504047-20						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2515031		
Benzene	ND	0.0250	1	04/08/25	04/09/25			
Ethylbenzene	ND	0.0250	1	04/08/25	04/09/25			
Toluene	ND	0.0250	1	04/08/25	04/09/25			
p-Xylene	ND	0.0250	1	04/08/25	04/09/25			
o,m-Xylene	ND	0.0500	1	04/08/25	04/09/25			
Total Xylenes	ND	0.0250	1	04/08/25	04/09/25			
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	04/08/25	04/09/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2515031		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/08/25	04/09/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	04/08/25	04/09/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515035		
Diesel Range Organics (C10-C28)	ND	25.0	1	04/08/25	04/09/25			
Oil Range Organics (C28-C36)	ND	50.0	1	04/08/25	04/09/25			
Surrogate: n-Nonane		106 %	61-141	04/08/25	04/09/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515037		
Chloride	354	20.0	1	04/08/25	04/08/25			



## **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	oundary Raido 1058-0007 shley Gioveng		4H			<b>Reported:</b> 4/14/2025 8:27:10AM
			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 (2515031-BLK1)							Prepared: 0	4/08/25 A	nalyzed: 04/08/25
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	7.77		8.00		97.1	70-130			
LCS (2515031-BS1)			Prepared: 04						analyzed: 04/08/25
Benzene	3.69	0.0250	5.00		73.9	70-130			
Ethylbenzene	3.69	0.0250	5.00		73.8	70-130			
Toluene	3.75	0.0250	5.00		75.0	70-130			
o-Xylene	3.69	0.0250	5.00		73.9	70-130			
p,m-Xylene	7.44	0.0500	10.0		74.4	70-130			
Total Xylenes	11.1	0.0250	15.0		74.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			
Matrix Spike (2515031-MS1)				Source:	E504047-	05	Prepared: 0	4/08/25 A	analyzed: 04/08/25
Benzene	3.90	0.0250	5.00	ND	77.9	70-130			
Ethylbenzene	3.90	0.0250	5.00	ND	77.9	70-130			
Toluene	3.96	0.0250	5.00	ND	79.2	70-130			
o-Xylene	3.92	0.0250	5.00	ND	78.4	70-130			
p,m-Xylene	7.85	0.0500	10.0	ND	78.5	70-130			
Total Xylenes	11.8	0.0250	15.0	ND	78.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		98.9	70-130			
Matrix Spike Dup (2515031-MSD1)				Source: E504047-05 Prepar		Prepared: 0	4/08/25 A	nalyzed: 04/08/25	
Benzene	4.40	0.0250	5.00	ND	88.0	70-130	12.2	27	
Ethylbenzene	4.43	0.0250	5.00	ND	88.5	70-130	12.7	26	
Toluene	4.48	0.0250	5.00	ND	89.7	70-130	12.4	20	
o-Xylene	4.43	0.0250	5.00	ND	88.6	70-130	12.1	25	
p,m-Xylene	8.91	0.0500	10.0	ND	89.1	70-130	12.6	23	
Total Xylenes	13.3	0.0250	15.0	ND	88.9	70-130	12.5	26	
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			



## **QC Summary Data**

		QU N	amm	ary Date	•				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Boundary Raide 01058-0007	r 7 Fed 21	4H			Reported:
Artesia NM, 88210		Project Manager:		Ashley Gioveng	o				4/14/2025 8:27:10AM
	No	nhalogenated C	Organic	s by EPA 801	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 (2515031-BLK1)							Prepared: 0	4/08/25 A	analyzed: 04/08/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			
LCS (2515031-BS2)							Prepared: 0	4/08/25 A	analyzed: 04/08/25
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			
Matrix Spike (2515031-MS2)				Source: E504047-05 Prepa			Prepared: 0	4/08/25 A	analyzed: 04/08/25
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			
Matrix Spike Dup (2515031-MSD2)				Source:	E504047-	05	Prepared: 0	4/08/25 A	analyzed: 04/08/25
Gasoline Range Organics (C6-C10)	44.5	20.0	50.0	ND	89.1	70-130	9.25	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.4	70-130			



## **QC Summary Data**

		$\mathbf{v} \mathbf{v} \mathbf{v}$		ary Data					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	(	Boundary Raide 01058-0007		4H			Reported:
Artesia NM, 88210		Project Manager:		Ashley Gioveng	<u>;</u> 0				4/14/2025 8:27:10AM
	Nonha	logenated Org	anics by	y EPA 8015E	) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515035-BLK1)							Prepared: 0	4/08/25 A	nalyzed: 04/08/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.0		50.0		95.9	61-141			
LCS (2515035-BS1)							Prepared: 0	4/08/25 A	analyzed: 04/08/25
Diesel Range Organics (C10-C28)	237	25.0	250		95.0	66-144			
Surrogate: n-Nonane	48.1		50.0		96.1	61-141			
Matrix Spike (2515035-MS1)				Source: E504047-03 Prepared:				4/08/25 A	analyzed: 04/08/25
Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.7	56-156			
Surrogate: n-Nonane	48.6		50.0		97.3	61-141			
Matrix Spike Dup (2515035-MSD1)				Source:	E504047-	03	Prepared: 0	4/08/25 A	analyzed: 04/08/25
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.2	56-156	3.63	20	
Surrogate: n-Nonane	49.1		50.0		98.2	61-141			



## **QC Summary Data**

		L L		•					
Devon Energy - Carlsbad		Project Name:	]	Boundary Raide	r 7 Fed 21	4H			Reported:
6488 7 Rivers Hwy		Project Number:		01058-0007					•
Artesia NM, 88210		Project Manager:	: .	Ashley Gioveng	0				4/14/2025 8:27:10AM
		Anions	by EPA	300.0/9056A	L L				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 (2515037-BLK1)							Prepared: 0	4/08/25	Analyzed: 04/08/25
Chloride	ND	20.0							
LCS (2515037-BS1)							Prepared: 0	4/08/25	Analyzed: 04/08/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2515037-MS1)				<b>Source: E504047-04</b> Prepared: 04/					Analyzed: 04/08/25
Chloride	275	20.0	250	ND	110	80-120			
Matrix Spike Dup (2515037-MSD1)				Source:	E504047-	04	Prepared: 0	4/08/25	Analyzed: 04/08/25
Chloride	276	20.0	250	ND	111	80-120	0.626	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.



D	Devon Energy - Carlsbad	Project Name:	Boundary Raider 7 Fed 214H	
6	488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
A	Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/14/25 08:27

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



#### **Chain of Custody**

Client Information	Invoice Information				La	b Us	e On	ly				ТАТ	State
lient: Devon	Company: Devon		Lab	WO#			Job	Numb	ber		1D 20	3D Std	NM CO UT TX
roject: Boudary Raider 7 Fed 214H	Address: 5315 Buena Vista Dr		- EC	Lab WO# Job Numb EC04047 010560					01		-	x	x
roject Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 882	220											
ddress: 3122 National Parks Hwy		hone: (575)689-7597					Ana	lysis	and	Meth	lod	1 1	EPA Program
ity, State, Zip: Carlsbad NM, 88220 hone: 575-988-0055	Email: jim.raley@dvn.com Miscellaneous: Jim Raley		-		1								SDWA CWA RCRA
nail: agiovengo@ensolum.com	Iviscellaneous. Jim Raley			10									Compliance Y or N
				801	8015			0		~	s		PWSID #
Sample I	nformation			RO b)	KO b)	802	8260	e 300	- NN	05 - T	Meta		
Time Date Sampled Matrix No. of Containers	Sample ID	Field	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		Page
008 4/4/25 5011 1	F527-1		1						x				
1012 1 1 1	28 1		2						x				
1016	29		3						x				
1019	30		4						x				
022	31		5						x				
1029	32		6						x				
1024	33		7						x				
1027	34		8						x				
1029	35		9						x				
1031 1 1 1	136 L		10						X				
Additional Instructions: Please CC: cburton@ensol	um.com, agiovengo@ensolum.com, jim	n.raley@	dvn.cor	m, ch	amilt	ton@	Dens	olum	i.con	n, ies	trella@	ensolum.c	om
(field sampler), attest to the validity and authenticity of this sample. I a	mouse that tomogring with or intentionally midabali	of the come	la location	data	ortimo	of col	lloction	is con	ridara	dfraue	and may	he grounds for	lagelaction
ampled by: _lsrael Estrella	maware that tampering with or intertionally misabeli	41	alac	, uater	or time	. 01 00	nection	ins con	Jucie	unduc	and may	De Brounds for	legal dectori.
elinquished by: (Signature) Date Time	Received by: (Signature)	Date	野	Time	06	1			sample		eived pack	Contraction of the second second	ust be received on ice the day they are g temp above 0 but less than 6 °C on
telinquished by: (Signature)	Beceived by: (Signature)	Date 4.7	.25	Time	73	0		ſ			on ice:	Lab Us	
elinovished by: (Signature) Date Time	B3 Received by: (Sigpature	Date	x	Time	0	- 11						0	
	400 auth man	4.8	.02	a					<u>T1</u>			<u>T2</u>	<u></u>
Elinquished by: (Signature) Date Time	Received by: (Signature)	Date		Time					AVG	Tem	nor l	+	
mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Conta	iner Type	e: g -	glass,	<b>p</b> - p	poly/p					v - VOA	
lote: Samples are discarded 14 days after results are reported u										client	expens	e. The report	for the analysis of the above
amples is applicable only to those samples received by the labo	ratory with this COC. The liability of the laborator	ry is limite	d to the a	moun	t paid	for o	n the	report	t.	_	_		

#### **Chain of Custody**

Clie	nt Inform	ation			Invoice Information	on				La	b Use	e Only	1		3	TAT		State
lient: Devon				Company	: Devon			Lab	WO#			Job N	umb	er	1D	2D 31	D Std	NM CO UT TX
roject: Boudary Rai	der 7 Fed	214H	Company: Devon Lab WO# Job Number   Address: 5315 Buena Vista Dr EC04017 Oco53.0007				007		1	x								
roject Manager: As		and the second second			e, Zip: Carlsbad NM								1					
dress: 3122 Natio				Phone: (575)689-7597			-	-			_	Analy	sis a	nd M	ethod		-	EPA Program
ty, State, Zip: Carls		88220			n.raley@dvn.com	_		_										SDWA CWA RCRA
one: 575-988-005				Miscellane	ous: Jim Raley													Compliance Y or N
nail: agiovengo@e	nsolum.co	JIII		-		-	-	-	8015	8015					5			PWSID #
			Sample Info	rmation					Vd C	yd C	3021	260	300.0	WN	Aetal			
Time Date Sampled	Matrix	No. of Containers		Sample	e ID	Field	Filter	Lab Imber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	RCRA 8 Metals			Remarks
1032 4/4/25	5071	1		F537-	-1'			][						x				1
1034	1	1		38	$\mathbf{A}$		1	2						x				
044				09-	-2)			3						x				
046				10			10	1						x				
047				13		_	-1	5						x	-		-	
1042				14		_	1	6	_				_	x	-	$\left  \right $	-	
1049				19		-	1	7	_			_	-	x	-	$\left  \right $	-	
1054				20		-	1	8	_		_		_	x	-		-	
1052				22			L		-	-	-	-	-	x	-	+	-	
1050 1	V	V		¥ 23	$\checkmark$		2							X				
(field sampler), attest to the ampled by: _Israel Estrella_	e validity and	authenticity o	f this sample. I am a	ware that tamperi	ngo@ensolum.com	abeling the	sample	location	n, date e	or time	e of col	lection	s cons	idered f	aud an	d may be gr	ounds for	legal action.
elinquished by: (Signatu	-	Date	1/25 T=	11 Var	ed by: (Signature)	rker 2	1/7/	125	Time	54	10		s		r receive		e at an avg	ust be received on ice the day they are g temp above 0 but less than 6 °C on
elinquished by: (Signatu elinquished by: (Signatu	antin	Date	125	Receive	ed by (Signature)		U.7.		Time Time	73	30		f	Receiv	ed on	ice: (	Y N	se Only I
Inden H		4.7	25 1000	50/h	the Mices	n K	1.8.	B	80	00			1	1		T2	2	<u>T3</u>
elinquished by: (Signatu		Date	Time	Receive	ed by: (Signature)		ate		Time					AVG T		-		
ample Matrix: <b>S</b> - Soil, <b>Sd</b> - S				_						70 - C - C - C			1.2. Same 27.1.5			glass, v - V	1.5	
lote: Samples are discard amples is applicable only															ient ex	pense. The	e report	for the analysis of the above

#### **Envirotech Analytical Laboratory**

nstructions	s: Please take note of any NO checkmarks.	Sample	Receipt	Checklist (SRC)			
f we receiv	e no response concerning these items within 24 hours of the o	late of this not	ice, all the	samples will be analyze	ed as requested.		
Client:	Devon Energy - Carlsbad Da	te Received:	04/08/25	08:00	v	Vork Order ID:	E504047
Phone:	(505) 382-1211 Da	te Logged In:	04/07/25	14:06	I	ogged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com Du	ie Date:	04/14/25	5 17:00 (4 day TAT)			
Chain o	<u>f Custody (COC)</u>						
	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: Cour	ier		
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	field.	Yes				
	i.e, 15 minute hold time, are not included in this disucssion.					<u>Commen</u>	ts/Resolution
<u>Sample</u>	Turn Around Time (TAT)						
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes				
<u>Sample</u>	<u>Cooler</u>						
7. Was a	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				
	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are rec minutes of sampling o visible ice, record the temperature. Actual sample tem	ceived w/i 15	Yes				
	Container		<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	abel						
20. Were	e field sample labels filled out with the minimum information	ation:					
	Sample ID?		Yes				
	Date/Time Collected?		Yes				
	Collectors name?		Yes				
	<u>Preservation</u> s the COC or field labels indicate the samples were prese	rved?	No				
	sample(s) correctly preserved?	iveu:	NA				
	b filtration required and/or requested for dissolved metals	s?	No				
<u>Multi</u> ph	ase Sample Matrix						
-	s the sample have more than one phase, i.e., multiphase?		No				
	s, does the COC specify which phase(s) is to be analyzed	1?	NA				
	tract Laboratory						
	samples required to get sent to a subcontract laboratory?		No				
	a subcontract laboratory specified by the client and if so	who?	NA	Subcontract Lab: NA	A		
<u>Client</u> ]	Instruction						

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: E

Boundary Raider 7 Fed 214H

Work Order: E504057

Job Number: 01058-0007

Received: 4/9/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/10/25

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: 4/10/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Boundary Raider 7 Fed 214H Workorder: E504057 Date Received: 4/9/2025 4:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/9/2025 4:45:00AM, under the Project Name: Boundary Raider 7 Fed 214H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 7 Fed 214H 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

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Envirotech Web Address: www.envirotech-inc.com

eponed. 4/10/23

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v		Sample Sum	mary		0
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	Boundary Raider 7 01058-0007	Fed 214H	Reported:
Artesia NM, 88210		Project Manager:	Ashley Giovengo		04/10/25 12:48
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BF01-0'	E504057-01A	Soil	04/07/25	04/09/25	Glass Jar, 2 oz.



			aca			
Devon Energy - Carlsbad	Project Name	e: Bou	ndary Raider 7 Fe	ed 214H		
6488 7 Rivers Hwy	Project Num	ber: 010	58-0007			Reported:
Artesia NM, 88210	Project Mana	ager: Ash	ley Giovengo			4/10/2025 12:48:58PM
		BF01-0'				
		E504057-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2515047
Benzene	ND	0.0250	1	04/09/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/09/25	04/09/25	
Toluene	ND	0.0250	1	04/09/25	04/09/25	
p-Xylene	ND	0.0250	1	04/09/25	04/09/25	
p,m-Xylene	ND	0.0500	1	04/09/25	04/09/25	
Fotal Xylenes	ND	0.0250	1	04/09/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2515047
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/09/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2515043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/09/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/09/25	04/09/25	
Surrogate: n-Nonane		103 %	61-141	04/09/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2515042
Chloride	182	20.0	1	04/09/25	04/09/25	



## **QC Summary Data**

6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	1058-0007 shley Gioveng	er 7 Fed 21 30				<b>Reported:</b> 4/10/2025 12:48:58PM
		Volatile O	rganics l	oy EPA 802	21B				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 (2515047-BLK1)							Prepared: 0	4/09/25 A	Analyzed: 04/09/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.1	70-130			
LCS (2515047-BS1)							Prepared: 0	4/09/25 A	Analyzed: 04/09/25
Benzene	5.00	0.0250	5.00		99.9	70-130			
Ethylbenzene	5.10	0.0250	5.00		102	70-130			
Toluene	5.16	0.0250	5.00		103	70-130			
o-Xylene	5.08	0.0250	5.00		102	70-130			
o,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			
LCS Dup (2515047-BSD1)							Prepared: 0	4/09/25 A	Analyzed: 04/09/25
Benzene	5.16	0.0250	5.00		103	70-130	3.26	20	
Ethylbenzene	5.28	0.0250	5.00		106	70-130	3.52	20	
Toluene	5.33	0.0250	5.00		107	70-130	3.36	20	
o-Xylene	5.27	0.0250	5.00		105	70-130	3.67	20	
o,m-Xylene	10.7	0.0500	10.0		107	70-130	3.52	20	
Total Xylenes	16.0	0.0250	15.0		107	70-130	3.57	20	



## **QC Summary Data**

		<b>X Z Z</b> ~							
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number		Boundary Raide 01058-0007	er 7 Fed 21	4H			Reported:
Artesia NM, 88210		Project Manage	r:	Ashley Gioveng	go				4/10/2025 12:48:58PM
	No	nhalogenated	Organic	s by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515047-BLK1)							Prepared: 0	4/09/25 A	nalyzed: 04/09/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			
LCS (2515047-BS2)							Prepared: 0	4/09/25 A	nalyzed: 04/09/25
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		85.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.7	70-130			
LCS Dup (2515047-BSD2)							Prepared: 0	4/09/25 A	nalyzed: 04/09/25
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.7	70-130	1.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.10		8.00		88.8	70-130			



## **QC Summary Data**

		QU D		ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Boundary Raide 01058-0007		4H			Reported:
Artesia NM, 88210		Project Manager	:	Ashley Gioveng	go				4/10/2025 12:48:58PM
	Nonha	logenated Org	ganics by	y EPA 8015I	) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515043-BLK1)							Prepared: 0	4/09/25 A	nalyzed: 04/09/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			
LCS (2515043-BS1)							Prepared: 0	4/09/25 A	analyzed: 04/09/25
Diesel Range Organics (C10-C28)	235	25.0	250		94.2	66-144			
Surrogate: n-Nonane	47.9		50.0		95.8	61-141			
Matrix Spike (2515043-MS1)				Source:	E504057-	01	Prepared: 0	4/09/25 A	analyzed: 04/09/25
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	50.2		50.0		100	61-141			
Matrix Spike Dup (2515043-MSD1)				Source:	E504057-	01	Prepared: 0	4/09/25 A	analyzed: 04/09/25
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156	4.82	20	
Surrogate: n-Nonane	49.8		50.0		99.5	61-141			



## **QC Summary Data**

		-		v					
Devon Energy - Carlsbad		Project Name:	]	Boundary Raide	r 7 Fed 21	4H			Reported:
6488 7 Rivers Hwy		Project Number:	(	01058-0007					•
Artesia NM, 88210		Project Manager:	L	Ashley Gioveng	0				4/10/2025 12:48:58PM
		Anions	by EPA	300.0/9056A	L L				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 (2515042-BLK1)							Prepared: 0	4/09/25 A	Analyzed: 04/09/25
Chloride	ND	20.0							
LCS (2515042-BS1)							Prepared: 0	4/09/25 A	Analyzed: 04/09/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2515042-MS1)				Source: 1	E504057-	)1	Prepared: 0	4/09/25 A	Analyzed: 04/09/25
Chloride	442	20.0	250	182	104	80-120			
Matrix Spike Dup (2515042-MSD1)				Source: 1	E504057-	)1	Prepared: 0	4/09/25 A	Analyzed: 04/09/25
Chloride	444	20.0	250	182	105	80-120	0.486	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:	Boundary Raider 7 Fed 214H	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/10/25 12:48

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



#### **Chain of Custody**

Client Information	Invoice Information				L	ab U	se Or	nly		1		TAT	State							
lient: Devon	Company: Devon	ompany: Devon					L				-	Job Number				1D 3	D 3D Std	NM CO UT TX		
roject: Boudary Raider 7 Fed 214H	Address: 5315 Buena Vista Dr	1	_ E	50	40	01058-0007						x								
oject Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 882	220									-									
dress: 3122 National Parks Hwy	Phone: (575)689-7597								Ana	alysis	and	Meth	hod		Page					
ty, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com					1						- 1 Test 1 Test	SDWA CWA RCRA							
none: 575-988-0055	Miscellaneous: Jim Raley		Miscellaneous: Jim Raley																	
nail: agiovengo@ensolum.com		1		115	015								Compliance Y or N							
Consulta Ini	for any state of the state of t				by 8(	21	09	0.00	Σ	¥	tals		PWSID #							
Sample Inf	ormation	-	Lab	Cac	DRO	oy 8C	y 82	de 3(	C-N	- 500	8 Me		Domoslus							
Time Date Sampled Matrix No. of Containers	Sample ID	-ield	Lab Numb	er 108 v8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		Remarks							
			Trains		0		>	0	8	Ŧ	æ									
307 4/7/25 Soil 1 B	F01-0-				4				х											
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			6																	
dditional Instructions: Please CC: cburton@ensolu	m.com. agiovengo@ensolum.com. iim	ralev	@dvn.	com.	cham	ilton	@ens	solun	n.con	n, ies	trella	@ensolum.co	om							
	,		-				C			,										
(field sampler), attest to the validity and authenticity of this sample. I am	aware that tampering with or intentionally mislabelin	g the sa	mple loca	tion, da	te or tin	ne of co	ollection	n is cor	nsidere	d fraud	d and m	ay be grounds for	legal action.							
ampled by: _Israel Estrella		-					-	_	-											
elinquished by: (Signature) Date 4/8/25 7:	Received by: (Signature)	Date	-8-2	Tim									st be received on ice the day they are temp above 0 but less than 6 °C on							
elinquished by: (Signature) Date Time	11 Mariasa Lonzale Received by: (Signature)	Date	6.7	20	111		-			went da										
Marissa Sanzales 4-8-25 16:	23 Mecender by Gamaldrey	11	0.2	C	11	30			Por	ivad	on ice	Lab Use	e Only							
elingvished by: Signature) Date Time	Received by: (Signature)	Date	0.0	Tim		50			nece	eiveu	Unice									
Jul 4. 4.8.23 L	300 hereby a Hell	4	9-2-	50	44	15			T1			T2	T3							
elinquished by: (Signature) Date Time	Received by: (Signature)	Date		Tim			1		1											
										Tem		4								
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												s, v - VOA								
lote: Samples are discarded 14 days after results are reported unl amples is applicable only to those samples received by the labora										e clien	t exper	se. The report f	or the analysis of the above							
imples to opplicable only to those samples received by the labora	tory with this coc. The hability of the laboratory	y is mini	teu to tr	ie alli0	unt pa	1010	on the	repor		_	_									

#### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

Client:	Devon Energy - Carlsbad Da	ate Received:	04/09/25	)4:45		Work Order ID:	E504057
Phone:	(505) 382-1211 Da	te Logged In:	04/08/25	4:30		Logged In By:	Caitlin Mars
Email:		ie Date:	04/09/25	17:00 (0 day TAT)			
Chain o	f Custody (COC)						
1. Does 1	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 tl	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.	e field,	Yes			Commer	nts/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	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				
	es, were custody/security seals intact?		NA				
-	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec		Yes				
12 16	minutes of sampling		c				
	visible ice, record the temperature. Actual sample ten	nperature: <u>4</u> -	<u> </u>				
	<u>Container</u>		21				
	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)?						
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?	a all a at a d 2	Yes Yes				
	e appropriate volume/weight or number of sample containers	confected?	res				
Field La	ader e field sample labels filled out with the minimum information of the same	ation					
	Sample ID?	ation.	Yes				
	Date/Time Collected?		Yes				
C	Collectors name?		Yes				
	<b>Preservation</b>						
	s the COC or field labels indicate the samples were prese	rved?	No				
	sample(s) correctly preserved?		NA				
24. Is lat	b filtration required and/or requested for dissolved metals	s?	No				
Multiph	nase Sample Matrix						
26. Does	s the sample have more than one phase, i.e., multiphase?		No				
27. If ye	es, does the COC specify which phase(s) is to be analyzed	1?	NA				
<u>Subcont</u>	tract Laboratory						
	samples required to get sent to a subcontract laboratory?		No				
	a subcontract laboratory specified by the client and if so		NA	Subcontract La	b: NA		
	Instruction						

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



envirotech Inc.

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## **Analytical Report**

Devon Energy - Carlsbad

Project Name: B

Boundary Raider 7 Fed 214H

Work Order: E504059

Job Number: 01058-0007

Received: 4/9/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/14/25

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: 4/14/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Boundary Raider 7 Fed 214H Workorder: E504059 Date Received: 4/9/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/9/2025 8:00:00AM, under the Project Name: Boundary Raider 7 Fed 214H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 7 Fed 214H 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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#### **Sample Summary**

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		Sample Sum	mai y			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	Boundary Raider 7 01058-0007 Ashley Giovengo	Fed 214H	<b>Reported:</b> 04/14/25 08:42	
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
FS21-4'	E504059-01A	Soil	04/07/25	04/09/25	Glass Jar, 2 oz.	
SW02-0-1'	E504059-02A	Soil	04/07/25	04/09/25	Glass Jar, 2 oz.	
SW03-0-1'	E504059-03A	Soil	04/07/25	04/09/25	Glass Jar, 2 oz.	
SW04-0-4'	E504059-04A	Soil	04/07/25	04/09/25	Glass Jar, 2 oz.	
SW01-0-1'	E504059-05A	Soil	04/07/25	04/09/25	Glass Jar, 2 oz.	



	D.	ampic D	ata			
Devon Energy - Carlsbad	Project Name	: Bou	ndary Raider 7 Fe			
6488 7 Rivers Hwy	Project Numb	er: 010	58-0007	Reported:		
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo			4/14/2025 8:42:39AM
		FS21-4'				
		E504059-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2515047
Benzene	ND	0.0250	1	04/09/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/09/25	04/09/25	
oluene	ND	0.0250	1	04/09/25	04/09/25	
-Xylene	ND	0.0250	1	04/09/25	04/09/25	
o,m-Xylene	ND	0.0500	1	04/09/25	04/09/25	
Total Xylenes	ND	0.0250	1	04/09/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2515047
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/09/25	04/09/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: KH			Batch: 2515043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/09/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/09/25	04/09/25	
Surrogate: n-Nonane		99.9 %	61-141	04/09/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2515042
Chloride	254	20.0	1	04/09/25	04/09/25	



	5		ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Numb	Project Name:Boundary Raider 7 Fed 214HProject Number:01058-0007Project Manager:Ashley Giovengo				<b>Reported:</b> 4/14/2025 8:42:39AM
		SW02-0-1'				
		E504059-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2515047
Benzene	ND	0.0250	1	04/09/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/09/25	04/09/25	
Toluene	ND	0.0250	1	04/09/25	04/09/25	
p-Xylene	ND	0.0250	1	04/09/25	04/09/25	
o,m-Xylene	ND	0.0500	1	04/09/25	04/09/25	
Fotal Xylenes	ND	0.0250	1	04/09/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: BA		Batch: 2515047
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/09/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/09/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/09/25	04/09/25	
Surrogate: n-Nonane		95.9 %	61-141	04/09/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515042
Chloride	133	20.0	1	04/09/25	04/09/25	



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Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb		ndary Raider 7 Fe 58-0007	<b>Reported:</b> 4/14/2025 8:42:39AM		
Artesia NM, 88210	Project Mana		ley Giovengo			
		SW03-0-1'				
		E504059-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2515047
Benzene	ND	0.0250	1	04/09/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/09/25	04/09/25	
Toluene	ND	0.0250	1	04/09/25	04/09/25	
o-Xylene	ND	0.0250	1	04/09/25	04/09/25	
o,m-Xylene	ND	0.0500	1	04/09/25	04/09/25	
Fotal Xylenes	ND	0.0250	1	04/09/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2515047
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/09/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/09/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/09/25	04/09/25	
Surrogate: n-Nonane		94.3 %	61-141	04/09/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2515042
Chloride	71.0	20.0	1	04/09/25	04/09/25	



	b		ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb		ndary Raider 7 Fe 58-0007	<b>Reported:</b> 4/14/2025 8:42:39AM		
Artesia NM, 88210	Project Mana	ger: Ash	ley Giovengo			
		SW04-0-4'				
		E504059-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2515047
Benzene	ND	0.0250	1	04/09/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/09/25	04/09/25	
Toluene	ND	0.0250	1	04/09/25	04/09/25	
p-Xylene	ND	0.0250	1	04/09/25	04/09/25	
o,m-Xylene	ND	0.0500	1	04/09/25	04/09/25	
Fotal Xylenes	ND	0.0250	1	04/09/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: BA		Batch: 2515047
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/09/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2515043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/09/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/09/25	04/09/25	
Surrogate: n-Nonane		94.6 %	61-141	04/09/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2515042
Chloride	720	20.0	1	04/09/25	04/09/25	



	D		ata			
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name Project Numb		ndary Raider 7 Fe 58-0007	Reported:		
Artesia NM, 88210	Project Mana	ger: Ash	ley Giovengo			4/14/2025 8:42:39AM
		SW01-0-1'				
		E504059-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2515047
Benzene	ND	0.0250	1	04/09/25	04/09/25	
Ethylbenzene	ND	0.0250	1	04/09/25	04/09/25	
Toluene	ND	0.0250	1	04/09/25	04/09/25	
o-Xylene	ND	0.0250	1	04/09/25	04/09/25	
o,m-Xylene	ND	0.0500	1	04/09/25	04/09/25	
Total Xylenes	ND	0.0250	1	04/09/25	04/09/25	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: BA		Batch: 2515047
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/09/25	04/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	04/09/25	04/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KH		Batch: 2515043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/09/25	04/09/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/09/25	04/09/25	
Surrogate: n-Nonane		99.1 %	61-141	04/09/25	04/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	ıt: DT		Batch: 2515042
Chloride	139	20.0	1	04/09/25	04/09/25	


# **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		oundary Raide 1058-0007	er 7 Fed 21	4H			Reported:		
Artesia NM, 88210		Project Manager:							4/14/2025 8:42:39AM		
			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 (2515047-BLK1)							Prepared: 0	4/09/25 A	Analyzed: 04/09/25		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
p-Xylene	ND	0.0250									
p,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.1	70-130					
LCS (2515047-BS1)							Prepared: 0	4/09/25 A	Analyzed: 04/09/25		
Benzene	5.00	0.0250	5.00		99.9	70-130					
Ethylbenzene	5.10	0.0250	5.00		102	70-130					
Toluene	5.16	0.0250	5.00		103	70-130					
p-Xylene	5.08	0.0250	5.00		102	70-130					
p,m-Xylene	10.4	0.0500	10.0		104	70-130					
Total Xylenes	15.4	0.0250	15.0		103	70-130					
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130					
LCS Dup (2515047-BSD1)							Prepared: 0	4/09/25 A	Analyzed: 04/09/25		
		0.0350	5.00		103	70-130	3.26	20			
• • •	5.16	0.0250					2.52				
Benzene	5.16 5.28	0.0250	5.00		106	70-130	3.52	20			
Benzene Ethylbenzene	5.28 5.33		5.00 5.00		106 107	70-130	3.52 3.36	20 20			
Benzene Ethylbenzene Toluene o-Xylene	5.28 5.33 5.27	0.0250	5.00			70-130 70-130		20 20			
Benzene Ethylbenzene Toluene	5.28 5.33	0.0250 0.0250	5.00 5.00		107	70-130	3.36	20			



# **QC Summary Data**

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Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number		Boundary Raid 01058-0007	er 7 Fed 21	4H			Reported:
Artesia NM, 88210		Project Manage	r: .	Ashley Gioveng	go				4/14/2025 8:42:39AM
	No	onhalogenated	Organic	s by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515047-BLK1)							Prepared: 0	04/09/25 A	nalyzed: 04/09/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			
LCS (2515047-BS2)							Prepared: 0	4/09/25 A	nalyzed: 04/09/25
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		85.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.7	70-130			
LCS Dup (2515047-BSD2)							Prepared: 0	4/09/25 A	nalyzed: 04/09/25
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.7	70-130	1.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.10		8.00		88.8	70-130			



# **QC Summary Data**

		QU N		ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Boundary Raide 01058-0007	er 7 Fed 21	4H			Reported:
Artesia NM, 88210		Project Manager	: 1	Ashley Gioveng	ço			4/14/2025 8:42:39AM	
	Nonha		Analyst: KH						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515043-BLK1)							Prepared: 0	4/09/25 A	nalyzed: 04/09/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			
LCS (2515043-BS1)							Prepared: 0	4/09/25 A	nalyzed: 04/09/25
Diesel Range Organics (C10-C28)	235	25.0	250		94.2	66-144			
Surrogate: n-Nonane	47.9		50.0		95.8	61-141			
Matrix Spike (2515043-MS1)				Source:	E504057-	01	Prepared: 0	4/09/25 A	nalyzed: 04/09/25
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	50.2		50.0		100	61-141			
Matrix Spike Dup (2515043-MSD1)				Source:	E504057-	01	Prepared: 0	4/09/25 A	nalyzed: 04/09/25
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156	4.82	20	
Surrogate: n-Nonane	49.8		50.0		99.5	61-141			



# **QC Summary Data**

		<u> </u>		v					
Devon Energy - Carlsbad		Project Name:	]	Boundary Raide	r 7 Fed 21	4H			Reported:
6488 7 Rivers Hwy		Project Number:		01058-0007					•
Artesia NM, 88210		Project Manager:		Ashley Giovenge	0				4/14/2025 8:42:39AM
		Anions	by EPA	. 300.0/9056A	L.				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 (2515042-BLK1)							Prepared: 0	4/09/25 A	Analyzed: 04/09/25
Chloride	ND	20.0							
LCS (2515042-BS1)							Prepared: 0	4/09/25 A	Analyzed: 04/09/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2515042-MS1)				Source: l	E <b>504057</b> -	01	Prepared: 0	4/09/25 A	Analyzed: 04/09/25
Chloride	442	20.0	250	182	104	80-120			
Matrix Spike Dup (2515042-MSD1)				Source: l	E <b>504057</b> -	01	Prepared: 0	4/09/25 A	Analyzed: 04/09/25
Chloride	444	20.0	250	182	105	80-120	0.486	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:	Boundary Raider 7 Fed 214H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/14/25 08:42

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

### **Chain of Custody**

Client Information	Invoice Information	1			La	ab Us	e On	ly			TA	т	State
ient: Devon	Company: Devon			b WO#	#	-	Job N	lumb	er	1	D 2D	3D Std	NM CO UT TX
roject: Boudary Raider 7 Fed 214H	Address: 5315 Buena Vista Dr		b WO#	050	9	DICE	58.0	00	1 -		x	x	
oject Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 8	8220				-				0		1	
dress: 3122 National Parks Hwy	Phone: (575)689-7597						Anal	ysis a	and N	/letho	d		EPA Program
ty, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com												SDWA CWA RCRA
ione: 575-988-0055	Miscellaneous: Jim Raley												
nail: agiovengo@ensolum.com		-		015	8015								Compliance Y or N
		-		by 80	oy 80	21	0	0.0	Σ	ž	sie		PWSID #
	Information			ROI	ROI	y 80	y 826	de 30	2.0	- 500	2 Me	1.11	
Time Date Sampled Matrix No. of Containers	Sample ID	Field	Lab Numbe	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	KUKA & Metals		Page
046 4/7/25 501 1	FS21-41		1						x				
038	5002-0-1'		2						x				
041	$\frac{FS21-4'}{SW02-b-1'}$ $\frac{D3-b-1'}{D4-b-4'}$ $\sqrt{01-0-1'}$		3						x				
.044	04-0-41		4						x				
126 / / /	101-0-1		5	4					x				
									x				
									x				
		1							x				
									x				
			-										
							1.1	_					
dditional Instructions: Please CC: cburton@ens	olum.com, agiovengo@ensolum.com, j	im.raley	@dvn.c	com, ch	namil	lton(	Denso	olum.	.com	, iesti	ella@en	isolum.co	om
field sampler), attest to the validity and authenticity of this sample.	am aware that tampering with or intentionally mislab	eling the sar	nple locati	ion, date	or time	e of co	llection	is cons	idered	fraud a	nd may be	grounds for	legal action.
elinquished by: (Signature) Date 4/5/25	Received by: (Signature)	Date	8-2-	Time									st be received on ice the day they are temp above 0 but less than 6 °C on
linquished by: (Signature) Date Tin	I have a set of the set	Date	1.72	Time	11	2			uhsenu			Lab Us	e Only
elino()shed by: (Signature)	ne Received by: (Signature)	- 4.	8.2	Time	(a)	30		F	Recei	ved c	n ice:	@/ N	
linquished by: (Signature) Date Tin	Received by: (Signature)	Date	9:25	Time	U	/		1	11		11	12	<u> </u>
mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _		Cont	ainer Ty	/De. g -	glass	n - r	olv/n		AVG 1		glass, v		
	unless other arrangements are made. Hazardou				-				_				or the analysis of the above

1

### **Envirotech Analytical Laboratory**

		Envirotech	Analytic	cal Laboratory		Printed: 4/9/2025 9:05:26A
structions	: Please take note of any NO checkmarks.	Sample	Receipt Ch	necklist (SRC)		
	e no response concerning these items within 24 hours of t	the date of this not	tice, all the sar	mples will be analyzed as requ	uested.	
Client:	Devon Energy - Carlsbad	Date Received:	04/09/25 08	:00	Work Order ID:	E504059
Phone:	(505) 382-1211	Date Logged In:	04/08/25 14	:36	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/15/25 17	2:00 (4 day TAT)		
Chain of	f Custody (COC)					
	the sample ID match the COC?		Yes			
	the number of samples per sampling site location mat	tch the COC	Yes			
	samples dropped off by client or carrier?		Yes	Comion Counion		
	ne COC complete, i.e., signatures, dates/times, request	sted analyses?	Yes	Carrier: <u>Courier</u>		
	all samples received within holding time?	sted analyses:	Yes			
J. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		103		Commen	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>					
	e 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	ne sample(s) received intact, i.e., not broken?		Yes			
	e custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
2	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample	temperature: 4 ^c	<u>°С</u>			
Sample (	<u>Container</u>					
14. Are a	aqueous VOC samples present?		No			
15. Are V	VOC samples collected in VOA Vials?		NA			
16. Is the	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 r	non-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum info	ormation:				
S	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation	10				
	the COC or field labels indicate the samples were pr	reserved?	No			
	sample(s) correctly preserved?	. 1.0	NA			
	o filtration required and/or requested for dissolved me	etals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	s, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcont	ract Laboratory					
28. Are s	samples required to get sent to a subcontract laborato	ry?	No			
	a subcontract laboratory specified by the client and it	•	NA S	Subcontract Lab: NA		
Client I	instruction					
<u>enem I</u>	HSU WOUGH					

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: Boundary

Boundary Raider 7 Fed 214H

Work Order: E504160

Job Number: 01058-0007

Received: 4/21/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/24/25

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: 4/24/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Boundary Raider 7 Fed 214H Workorder: E504160 Date Received: 4/21/2025 7:30:00AM

Ashley Giovengo,



Page 189 of 220

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/21/2025 7:30:00AM, under the Project Name: Boundary Raider 7 Fed 214H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 7 Fed 214H 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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Envirotech Web Address: www.envirotech-inc.com

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v		Sample Sum	mary		0
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	Boundary Raider 7 I 01058-0007	Fed 214H	Reported:
Artesia NM, 88210		Project Manager:	Ashley Giovengo		04/24/25 13:01
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW03-0-1'	E504160-01A	Soil	04/18/25	04/21/25	Glass Jar, 2 oz.



		ampic D				
Devon Energy - Carlsbad	Project Name	: Bou	ndary Raider 7	Fed 214H		
6488 7 Rivers Hwy	Project Numb	er: 0105	58-0007			Reported:
Artesia NM, 88210	Project Manag	ger: Ash	ley Giovengo		4/24/2025 1:01:37PM	
		SW03-0-1'				
		E504160-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2517005
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
Toluene	ND	0.0250	1	04/21/25	04/21/25	
-Xylene	ND	0.0250	1	04/21/25	04/21/25	
o,m-Xylene	ND	0.0500	1	04/21/25	04/21/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/21/25	
urrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2517005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: HM		Batch: 2517011
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/21/25	
Dil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/21/25	
urrogate: n-Nonane		95.5 %	61-141	04/21/25	04/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2517002
Chloride	34.8	20.0	1	04/21/25	04/21/25	





# **QC Summary Data**

Devon Energy - Carlsbad		Ducie of Nomer	D	oundary Raid	or 7 Fed 21	<i>и</i> н			
		Project Name:		058-0007	ci / reu 21	411			Reported:
6488 7 Rivers Hwy		Project Number:							
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				4/24/2025 1:01:37PM
	Volatile Organics by EPA 8021B								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 (2517005-BLK1)							Prepared: 0	4/21/25 A	nalyzed: 04/21/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			
LCS (2517005-BS1)							Prepared: 0	4/21/25 A	nalyzed: 04/21/25
Benzene	3.94	0.0250	5.00		78.7	70-130			
Ethylbenzene	3.94	0.0250	5.00		78.9	70-130			
Toluene	3.97	0.0250	5.00		79.3	70-130			
o-Xylene	3.98	0.0250	5.00		79.6	70-130			
p,m-Xylene	7.92	0.0500	10.0		79.2	70-130			
Total Xylenes	11.9	0.0250	15.0		79.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130			
Matrix Spike (2517005-MS1)				Source:	E504158-	04	Prepared: 0	4/21/25 A	analyzed: 04/21/25
Benzene	4.40	0.0250	5.00	ND	88.0	70-130			
Ethylbenzene	4.44	0.0250	5.00	ND	88.8	70-130			
Toluene	4.44	0.0250	5.00	ND	88.8	70-130			
o-Xylene	4.42	0.0250	5.00	ND	88.4	70-130			
p,m-Xylene	8.87	0.0500	10.0	ND	88.7	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130			
Matrix Spike Dup (2517005-MSD1)				Source:	E504158-	04	Prepared: 0	4/21/25 A	analyzed: 04/21/25
Benzene	4.81	0.0250	5.00	ND	96.3	70-130	9.01	27	
Ethylbenzene	4.85	0.0250	5.00	ND	97.1	70-130	8.90	26	
Toluene	4.86	0.0250	5.00	ND	97.2	70-130	8.97	20	
o-Xylene	4.83	0.0250	5.00	ND	96.6	70-130	8.87	25	
p,m-Xylene	9.70	0.0500	10.0	ND	97.0	70-130	8.94	23	
Total Xylenes	14.5	0.0250	15.0	ND	96.9	70-130	8.91	26	



# **QC Summary Data**

		$\chi \cup \omega$	~~~~	ary Date	~				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Boundary Raide )1058-0007	r 7 Fed 21	4H			Reported:
Artesia NM, 88210		Project Manager:	I	Ashley Gioveng	0				4/24/2025 1:01:37PM
	Nor	nhalogenated C	Organics	s by EPA 801	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 (2517005-BLK1)							Prepared: 0	4/21/25 A	analyzed: 04/21/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			
LCS (2517005-BS2)							Prepared: 0	4/21/25 A	analyzed: 04/21/25
Gasoline Range Organics (C6-C10)	55.0	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.21		8.00		103	70-130			
Matrix Spike (2517005-MS2)				Source:	E504158-	04	Prepared: 0	4/21/25 A	analyzed: 04/21/25
Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.7	70-130			
Matrix Spike Dup (2517005-MSD2)				Source:	E504158-	04	Prepared: 0	4/21/25 A	analyzed: 04/21/25
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130	2.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			



# **QC Summary Data**

		QU N		ary Date					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Boundary Raide 01058-0007	er 7 Fed 21	4H			Reported:
Artesia NM, 88210		Project Manager:	: .	Ashley Gioveng	go				4/24/2025 1:01:37PM
	Nonha	alogenated Org	anics by	y EPA 8015I	) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2517011-BLK1)							Prepared: 0	4/21/25 A	nalyzed: 04/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.6		50.0		91.1	61-141			
LCS (2517011-BS1)							Prepared: 0	4/21/25 A	analyzed: 04/21/25
Diesel Range Organics (C10-C28)	246	25.0	250		98.5	66-144			
Surrogate: n-Nonane	44.6		50.0		89.2	61-141			
Matrix Spike (2517011-MS1)				Source:	E504162-	04	Prepared: 0	4/21/25 A	analyzed: 04/21/25
Diesel Range Organics (C10-C28)	12500	125	250	11200	503	56-156			M4
Surrogate: n-Nonane	81.0		50.0		162	61-141			\$5
Matrix Spike Dup (2517011-MSD1)				Source:	E504162-	04	Prepared: 0	4/21/25 A	analyzed: 04/21/25
Diesel Range Organics (C10-C28)	12200	125	250	11200	380	56-156	2.49	20	M4
Surrogate: n-Nonane	88.5		50.0		177	61-141			S5



# **QC Summary Data**

		•		•					
Devon Energy - Carlsbad		Project Name:	]	Boundary Raide	r 7 Fed 21	4H			Reported:
6488 7 Rivers Hwy		Project Number:	(	01058-0007					
Artesia NM, 88210		Project Manager:	: .	Ashley Gioveng	0				4/24/2025 1:01:37PM
		Anions	by EPA	300.0/9056A					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 (2517002-BLK1)							Prepared: 0	4/21/25 A	Analyzed: 04/21/25
Chloride	ND	20.0							
LCS (2517002-BS1)							Prepared: 0	4/21/25 A	Analyzed: 04/21/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2517002-MS1)				Source: 1	E504157-	04	Prepared: 0	4/21/25 A	Analyzed: 04/21/25
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2517002-MSD1)				Source: 1	E504157-	04	Prepared: 0	4/21/25 A	Analyzed: 04/21/25
Chloride	252	20.0	250	ND	101	80-120	0.166	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:	Boundary Raider 7 Fed 214H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/24/25 13:01

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.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

ND Analyte NOT DETECTED at or above the reporting limit

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Client Information		1	Invoice Inform	ation			La	b Us	e On	y			TAT State			State		
Client: Devon Project: Boudary Raider 7 Fed 214H				Company: Devon Address: 5315 Buena Vista Dr			Lab WO# Job Num					ber		1D 2D	3D Sto	MM CO		
							Lab WO# Job				1058.0007 ×				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	ysis	and I	Meth	od		EPA	Program
City, Sta	te, Zip: Carls	bad NM,	88220		Email: jim.raley@dvn.con	1											SDWA 0	CWA RCRA
hone:	575-988-005	5			Miscellaneous: Jim Raley													
Email: a	giovengo@e	nsolum.c	om					8015	15								Compliance	Y or N
								2	oy 80	21	0	0.0	Σ	×	tals		PWSID #	
20775	-	-		Sample Infor	mation		Lab	DRO I	ORO	y 80	y 826	de 30	C- N	- 500	8 Me			and the second se
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Fielo Filte	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		Ke	marks
913.	4/18/25	501	10	5	w03-0-1'		1						x					Page State D UT TX Program CWA RCRA  Y or N marks
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Additio	al Instructio	ns: Plea	ise CC: cbu	rton@ensolum.	com, agiovengo@ensolum.c	om, jim.raley@	dvn.co	m, ch	namil	ton@	Dens	olum	n.com	ı, ies	trella@e	ensolum	.com	
			_	and a second second		the state of the state												
	pler), attest to the r: _lsrael Estrella_	e validity and	authenticity of	this sample. I am aw	are that tampering with or intentionally	mislabeling the sam	ple location	n, date	or time	e of co	llection	is con	sidere	d fraud	and may b	e grounds f	or legal action.	
	ned by; (Signatu	re)	Date	Time	Received by: (Signature)	Date	10	Time	-	-			Sample	s requir	ing thermal p	preservation r	must be received on i	ce the day they are
	LL E			\$/25 7:1		Date	-1822	51	33	5			sample	d or rec	eived packed		avg temp above 0 but	
selinquist	ed by: (Signatu		Date	Time	Previvediby: (signature)	Date	pe	Time	-	~			subseau	uent day	15	Labl	Jse Only	
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Religion	telle G	re) onzal	1 Date	F.J DIG	Received by: (Signature)	- Date 4.2	1.25	Time 7	30				T1	-		T2	T3	· · · · · · · · · · · · · · · · · · ·
Relinquist	ned by: (Signatu	re)	Date	Time	Received by: (Signature)	Date		Time					AVG	Tem	p°c 5.	8		
	trix: S - Soil, Sd - S	olid Sa - Shu		c O Other		Cont	inor Tur	1	alacc	n . r	loly/n				er glass, v	1 - V/OA		

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### **Envirotech Analytical Laboratory**

### Sample Receipt Checklist (SRC)

	Devon Energy - Carlsbad D	ate Received:	04/21/25 0	7:30	Work Order ID: E504160
Phone:	(505) 382-1211 D	ate Logged In:	04/18/25 1	6:02	Logged In By: Caitlin Mars
Email:		ue Date:	04/25/25 1	7:00 (4 day TAT)	
Chain o	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: C	<u>Courier</u>
4. Was t	he COC complete, i.e., signatures, dates/times, requested	d analyses?	Yes		
5. Were	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		Comments/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Individual sample temperatures listed on
Sample	Cooler				COC.
	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. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	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: 5.	8°C		
	visible ice, record the temperature. Actual sample te	mperature: <u>5.</u>	<u>8°C</u>		
Sample	<u>Container</u>	mperature: <u>5.</u>			
<u>Sample</u> 14. Are	<u>Container</u> aqueous VOC samples present?	mperature: <u>5.</u>	<u>8°C</u> No NA		
<u>Sample</u> 14. Are 15. Are	<u>Container</u>	mperature: <u>5.</u>	No		
<u>Sample</u> 14. Are 15. Are 16. Is th	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?	mperature: <u>5.</u>	No NA		
Sample 14. Are 15. Are 16. Is th 17. Was	Container aqueous VOC samples present? VOC samples collected in VOA Vials?	mperature: <u>5.</u>	No NA NA		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?	. –	No NA NA NA		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container	. –	No NA NA NA Yes		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container	s collected?	No NA NA NA Yes		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID?	s collected?	No NA NA NA Yes		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container <b>bel</b> e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?	s collected?	No NA NA Yes Yes Yes Yes		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?	s collected?	No NA NA Yes Yes Yes		
Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were Sample	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation	s collected?	No NA NA Yes Yes Yes Yes		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were Sample 21. Does	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were pres	s collected?	No NA NA Yes Yes Yes Yes Yes		
Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were Sample 21. Does 22. Are	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were pres sample(s) correctly preserved?	s collected? nation: erved?	No NA NA Yes Yes Yes Yes No NA		
Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lai	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were pres sample(s) correctly preserved? o filtration required and/or requested for dissolved meta	s collected? nation: erved?	No NA NA Yes Yes Yes Yes Yes		
Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Doe: 22. Are 24. Is lai Multiph	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were pres sample(s) correctly preserved? o filtration required and/or requested for dissolved meta nase Sample Matrix	s collected? nation: erved? ls?	No NA NA Yes Yes Yes Yes Yes No NA No		
Sample 14. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lat Multiph 26. Does	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were press sample(s) correctly preserved? to filtration required and/or requested for dissolved meta mase Sample Matrix is the sample have more than one phase, i.e., multiphase?	s collected? nation: erved? ls?	No NA NA Yes Yes Yes Yes Yes No NA No		
Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lat Multiph 26. Does 27. If ye	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were pres sample(s) correctly preserved? to filtration required and/or requested for dissolved meta tase Sample Matrix s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyze	s collected? nation: erved? ls?	No NA NA Yes Yes Yes Yes Yes No NA No		
Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lai Multiph 26. Does 27. If ye	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were pres sample(s) correctly preserved? the filtration required and/or requested for dissolved meta tase Sample Matrix s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyze tract Laboratory.	s collected? nation: erved? ls? o	No NA NA Yes Yes Yes Yes No NA No No		
Sample 14. Are 15. Are 15. Are 16. Is th 17. Was 18. Are 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 24. Is lai Multiph 26. Does 27. If ye Subcom 28. Are	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were pres sample(s) correctly preserved? to filtration required and/or requested for dissolved meta tase Sample Matrix s the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyze	s collected? nation: erved? ls? od?	No NA NA NA Yes Yes Yes Yes No NA No No	Subcontract Lab	

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



•



# APPENDIX E

# NMOCD Correspondence

Released to Imaging: 7/9/2025 1:04:13 PM

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 201 of 220 QUESTIONS

Action 447389

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	447389
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

### QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2435126810			
Incident Name	NAPP2435126810 BOUNDARY RAIDER 7 FEDERAL #214H @ 30-025-44292			
Incident Type	Oil Release			
Incident Status	Initial C-141 Approved			
Incident Well	[30-025-44292] BOUNDARY RAIDER 7 FEDERAL #214H			

Location of Release Source			
Site Name	BOUNDARY RAIDER 7 FEDERAL #214H		
Date Release Discovered	12/15/2024		
Surface Owner	Federal		

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	8,416
What is the estimated number of samples that will be gathered	48
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/02/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Isreal Estrella @ 575-291-9537
Please provide any information necessary for navigation to sampling site	32.326, -103.70814

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	447389
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/31/2025

Action 447389

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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 203 of 220 QUESTIONS

Action 447389

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	447389
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2435126810
Incident Name	NAPP2435126810 BOUNDARY RAIDER 7 FEDERAL #214H @ 30-025-44292
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44292] BOUNDARY RAIDER 7 FEDERAL #214H

Location of Release Source	
Site Name	BOUNDARY RAIDER 7 FEDERAL #214H
Date Release Discovered	12/15/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	8,416
What is the estimated number of samples that will be gathered	48
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/02/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Isreal Estrella @ 575-291-9537
Please provide any information necessary for navigation to sampling site	32.326, -103.70814

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	447389
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS		
Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/31/2025

Action 447389

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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 205 of 220 QUESTIONS

Action 447390

QUESTIONS		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	447390	
	Action Type:	
	[NOTIFY] Notification Of Sampling (C-141N)	

### QUESTIONS

Location of Release Source

Prerequisites	
nAPP2435126810	
NAPP2435126810 BOUNDARY RAIDER 7 FEDERAL #214H @ 30-025-44292	
Oil Release	
Initial C-141 Approved	
[30-025-44292] BOUNDARY RAIDER 7 FEDERAL #214H	

Site Name	BOUNDARY RAIDER 7 FEDERAL #214H
Date Release Discovered	12/15/2024
Surface Owner	Federal

# Sampling Event General Information Please answer all the questions in this group. What is the sampling surface area in square feet 8,416 What is the estimated number of samples that will be gathered 48 Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC 04/03/2025 Time sampling will commence 09:00 AM Please provide any information necessary for observers to contact samplers Please contact Isreal Estrella @ 575-291-9537 Please provide any information necessary for navigation to sampling site 32.326, -103.70814

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	447390
	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.	3/31/2025

Action 447390

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 207 cof 220 QUESTIONS

Action 447391

QUESTIONS		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	447391	
	Action Type: [NOTIEY] Notification Of Sampling (C-141N)	

### QUESTIONS

Location of Release Source

Prerequisites	
nAPP2435126810	
NAPP2435126810 BOUNDARY RAIDER 7 FEDERAL #214H @ 30-025-44292	
Oil Release	
Initial C-141 Approved	
[30-025-44292] BOUNDARY RAIDER 7 FEDERAL #214H	

Site Name	BOUNDARY RAIDER 7 FEDERAL #214H
Date Release Discovered	12/15/2024
Surface Owner	Federal

# Sampling Event General Information Please answer all the questions in this group. What is the sampling surface area in square feet 8,416 What is the estimated number of samples that will be gathered 48 Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC 04/04/2025 Time sampling will commence 09:00 AM Please provide any information necessary for observers to contact samplers Please contact Isreal Estrella @ 575-291-9537 Please provide any information necessary for navigation to sampling site 32.326, -103.70814

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	447391
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS		
Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/31/2025

CONDITIONS

Action 447391

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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

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Action 447393

QUESTIONS		
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 447393 Action Type: [NOTIFY] Notification Of Sampling (C-141N)	
QUESTIONS		
Prerequisites		
Incident ID (n#)	nAPP2435126810	

Incident Name	NAPP2435126810 BOUNDARY RAIDER 7 FEDERAL #214H @ 30-025-44292
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44292] BOUNDARY RAIDER 7 FEDERAL #214H

Location of Release Source	
Site Name	BOUNDARY RAIDER 7 FEDERAL #214H
Date Release Discovered	12/15/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	8,416	
What is the estimated number of samples that will be gathered	48	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/07/2025	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Isreal Estrella @ 575-291-9537	
Please provide any information necessary for navigation to sampling site	32.326, -103.70814	

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	447393
	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.	3/31/2025

CONDITIONS

Action 447393

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

Pagel21Jeof 220 QUESTIONS

Action 452597

QUESTIONS	
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	452597
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

### QUESTIONS

Prerequisites	
nAPP2435126810	
NAPP2435126810 BOUNDARY RAIDER 7 FEDERAL #214H @ 30-025-44292	
Oil Release	
Initial C-141 Approved	
[30-025-44292] BOUNDARY RAIDER 7 FEDERAL #214H	

Location of Release Source	
Site Name	BOUNDARY RAIDER 7 FEDERAL #214H
Date Release Discovered	12/15/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/18/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Israel Estrella @ 575-291-9537
Please provide any information necessary for navigation to sampling site	32.326, -103.70814

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	452597
	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.	4/16/2025

CONDITIONS

Action 452597

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 213 of 220 QUESTIONS

Action 464988

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	464988
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2435126810
Incident Name	NAPP2435126810 BOUNDARY RAIDER 7 FEDERAL #214H @ 30-025-44292
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-44292] BOUNDARY RAIDER 7 FEDERAL #214H

### Location of Release Source

Site Name	BOUNDARY RAIDER 7 FEDERAL #214H
Date Release Discovered	12/15/2024
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   Well   Crude Oil   Released: 9 BBL   Recovered: 0 BBL   Lost: 9 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Packing leak on wellhead. Fluids released around wellhead base.

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 464988

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Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	464988
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

	Nature and Volume of Release (continued)	
	Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Ī	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.
l	With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e	e. gas only) are to be submitted on the C-129 form.

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury. The source of the release has been stopped True		
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 Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remedi	Not answered. ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of	
science 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: 05/20/2025	

General Information Phone: (505) 629-6116

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

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

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	464988
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	Νο
What is the minimum distance, between the closest lateral extents of the release an	id 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	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	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	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	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 as	sociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of 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 milligr	rams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	11400	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	24830	
GRO+DRO (EPA SW-846 Method 8015M)	18080	
BTEX (EPA SW-846 Method 8021B or 8260B)	177.5	
Benzene (EPA SW-846 Method 8021B or 8260B)	25.3	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed effor which includes the anticipated timelines for beginning and completing the remediation.	orts 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	04/02/2025	
On what date will (or did) the final sampling or liner inspection occur	04/18/2025	
On what date will (or was) the remediation complete(d)	04/18/2025	
What is the estimated surface area (in square feet) that will be reclaimed	7510	
What is the estimated volume (in cubic yards) that will be reclaimed	448	
What is the estimated surface area (in square feet) that will be remediated	7510	
What is the estimated volume (in cubic yards) that will be remediated	448	
These estimated dates and measurements are recognized to be the best guess or calculation at the tim	ne of submission and may (be) change(d) over time as more remediation efforts are completed.	

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

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QUESTIONS, Page 3

Action 464988

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

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QUESTIONS, Page 4

Action 464988

 Operator:
 DEVON ENERGY PRODUCTION COMPANY, LP
 OGRID:

 333 West Sheridan Ave.
 6137

 Oklahoma City, OK 73102
 Action Number:

 Action Type:
 [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:	
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]	
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.	
OR is the off-site 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	

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.

Email: jim.raley@dvn.com Date: 05/20/2025

Released to Imaging: 7/9/2025 1:04:13 PM

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	(continued)
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OGRID:
6137
Action Number:
464988
Action Type:
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QU	EST	<b>FIOI</b>	٧S

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

Action 464988

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 464988

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QUESTIONS	(continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	464988
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	452597
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/18/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Only answer the questions in this group if seeking remediation closure for this release because all i	remediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	7510
What was the total volume (cubic yards) remediated	448
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	7510
What was the total volume (in cubic yards) reclaimed	448
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents o
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 repo	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 rt does not relieve the operator of responsibility for compliance with any other federal, state, or tially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ling notification to the OCD when reclamation and re-vegetation are complete.
	Name: James Baley

	Name: James Raley
I hereby agree and sign off to the above statement	Title: EHS Professional
Thereby agree and sign on to the above statement	Email: jim.raley@dvn.com
	Date: 05/20/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	464988
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	

Reclamation Report

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

QUESTIONS, Page 7

Action 464988

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

CONDITIONS

Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	ł
333 West Sheridan Ave.	Action Number:	ł
Oklahoma City, OK 73102	464988	ł
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	ł

### CONDITIONS

Created By		Condition Date
nvelez	None	7/9/2025

Action 464988