

November 10, 2023

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 Addendum Ross Draw Unit #075H Incident Number nAPP2231850149

Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of WPX Energy Permian, LLC (WPX), has prepared this *Closure Request Addendum* (CRRA) regarding a produced water release at the Ross Draw Unit #075H (Site), located in Unit C, Section 22, Township 26 South, Range 30 East, in Eddy County, New Mexico (Figure 1). The Site (32.0343971°, -103.8702927°) is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On January 30, 2023, A *Closure Request* (CR), authored by Wescom, Inc (Wescom), was submitted to the New Mexico Oil Conservation Division (NMOCD) for the release associated with Incident Number nAPP2231850149; however, the request was denied. This CRRA addresses the division's concerns regarding horizontal delineation sampling to the strictest Closure Criteria per NMOCD Table I. Based on laboratory analytical results, WPX respectfully requests no further action (NFA) for Incident Number nAPP2231850149. The original CR and other supporting documents can be viewed on the NMOCD web portal.

BACKGROUND

On November 14, 2022, a pipe broke when WPX personnel were changing out a check-valve. This incident resulted in the release of approximately 5 barrels (bbls) of produced water inside the earthen containment and the release impacted a small area off-pad on the south side of the earthen berm. The spill impacted approximately 280 square feet (sq. ft) on pad and approximately 160 sq. ft off-pad (see Figure 2). WPX reported the release to the NMOCD on a Release Notification Form C-141 (Form C-141) on November 14, 2022, and the release was assigned Incident Number nAPP2231850149 (see Appendix A).

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the 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 Form C-141, Site Assessment/Characterization. Potential Site receptors are identified in Figure 1.

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Parks Highway | Carlsbad, NM 88220 | ensolum.com



Depth to groundwater at the Site is greater than 105 feet below ground surface (bgs) based on a recent soil boring drilled for determination of regional groundwater depth. On December 8, 2020, a soil boring (MW-1) was drilled at the Ross Draw Unit #038 location utilizing a track-mounted hollow-stem auger rig. Soil boring MW-1 was drilled to a depth of 105 feet bgs. The location of the borehole is approximately 0.29 miles southwest of the release area and is depicted in Figure 1. A field geologist logged and described soils continuously. No moisture or groundwater was encountered during drilling activities. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed groundwater beneath the Site is greater than 105 feet bgs. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The Well Record and Log is included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 301 feet northwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (medium potential karst designation area). Site receptors are identified in Figure 1.

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the off-pad area that was impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

SITE ASSESSMENT AND DELINEATION SAMPLING

Beginning on November 30, 2022, Wescom personnel were onsite to perform delineation soil sampling activities. Delineation soil samples SS02, SS03, SS04, and SS05B were collected at ground surface to verify the lateral release extent and delineation soil sample SS06 at 2-foot bgs was collected to verify the vertical extent of the release area inside the earthen containment. Delineation soil sample SS04 was collected at ground surface; however, it did not meet the strictest Closure Criteria per NMOCD Table I. The on-pad area on the west side of the earthen containment was scraped with a backhoe and delineation soil sample SS04A was collected.

On September 20, 2023, Ensolum personnel visited the Site to perform additional delineation soil sampling activities and to verify the lateral extent of the release areas. Delineation soil samples SS08 through SS11 were collected around the off-pad release extent and delineation soil sample SS12 was collected from an area inside the earthen secondary containment. All delineation soil samples were collected at 0.5 feet bgs. Delineation soil samples were field screened for chloride using either Hach® chloride QuanTab® test strips or the MOHR method titration. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was collected, and a photographic log is 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. The soil samples were transported under strict chain-of-custody procedures to Envirotech, Inc. (Envirotech) in Farmington, New Mexico, for analysis of the following contaminants 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.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soils samples SS02, SS03, SS04, and SS05B were all in compliance with Site Closure Criteria and with the reclamation requirement except SS04. Delineation soil sample SS04A, was in compliance with the Site Closure Criteria and with the reclamation requirement. Vertical delineation soil sample SS06 was in compliance with the Site Closure Criteria and with the reclamation requirement at 2 feet bgs.

Laboratory analytical results for delineation soil samples SS08 through SS11, collected at 0.5 feet bgs, indicated all COC concentrations were in compliance with the Site Closure Criteria and with the reclamation requirement in the area surrounding the off-pad release. Delineation soil sample SS12, collected at 0.5 feet bgs, was in compliance with the Site Closure Criteria and with the reclamation requirement inside the earthen containment.

CLOSURE REQUEST

Site assessment, delineation soil sampling, and remediation of the on-pad and off-pad spill areas has been completed at this Site. Laboratory analytical results for horizontal delineation soil samples SS02, SS03, SS04A, SS05B, and SS08 through SS12, collected at ground surface and around the on pad and off pad release extents, indicate all COC concentrations are in compliance with the Site Closure Criteria and with the reclamation requirement. Vertical delineation sampling to the strictest Closure Criteria per NMOCD Table I was completed inside the earthen containment and any impacts to the off-pad spill area were removed via excavation.

Wescom personnel were onsite to oversee the removal of impacted soil from the on-pad and off-pad spill areas and from sample area SS04 as described in the January 2023 CR. Hand tools were used to remove impacted soils inside the earthen containment and from beneath the process pipping and water transfer pump. A backhoe was used to scrape the west side of the earthen containment and to complete remediation of the off-pad spill area. Approximately 8 cubic yards of soil were removed from the off-pad spill area and hauled to an approved disposal facility.

Following remediation efforts, three composite confirmation soil samples were collected. Two confirmation samples (CONF01-0' and CONF02-0') were collected from the on-pad spill area and one confirmation sample (CONF03-1') was collected from the off-pad spill area. Confirmation soil samples (CONF01-0' and CONF02-0') collected from inside the earthen containment were in compliance with the Site Closure Criteria and confirmation soil sample (CONF03-1') collected from the off-pad spill area was in compliance with Site Closure Criteria and with the reclamation requirement. The off-pad excavation has been backfilled, recontoured, and seeded with an approved BLM seed mixture.

Based on horizontal and vertical delineation sampling, depth to groundwater greater than 105 feet bgs, and confirmation soil sample laboratory analytical results in compliance with their respective Closure Criteria, WPX believes their actions have been protective of human health, the environment, and groundwater. As such, WPX respectfully requests closure for Incident Number nAPP2231850149.



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

Sincerely, **Ensolum, LLC**

Ashley Giovengo Senior Engineer Daniel R. Moir, P.G. Senior Managing Geologist

cc: Jim Raley, Devon Energy

Crisha A. Morgan, BLM

Appendices:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations
Figure 3 Confirmation Soil Sample Locations

Table 1 Delineation Soil Sample Analytical ResultsTable 2 Confirmation Soil Sample Analytical Results

Appendix A Form C-141

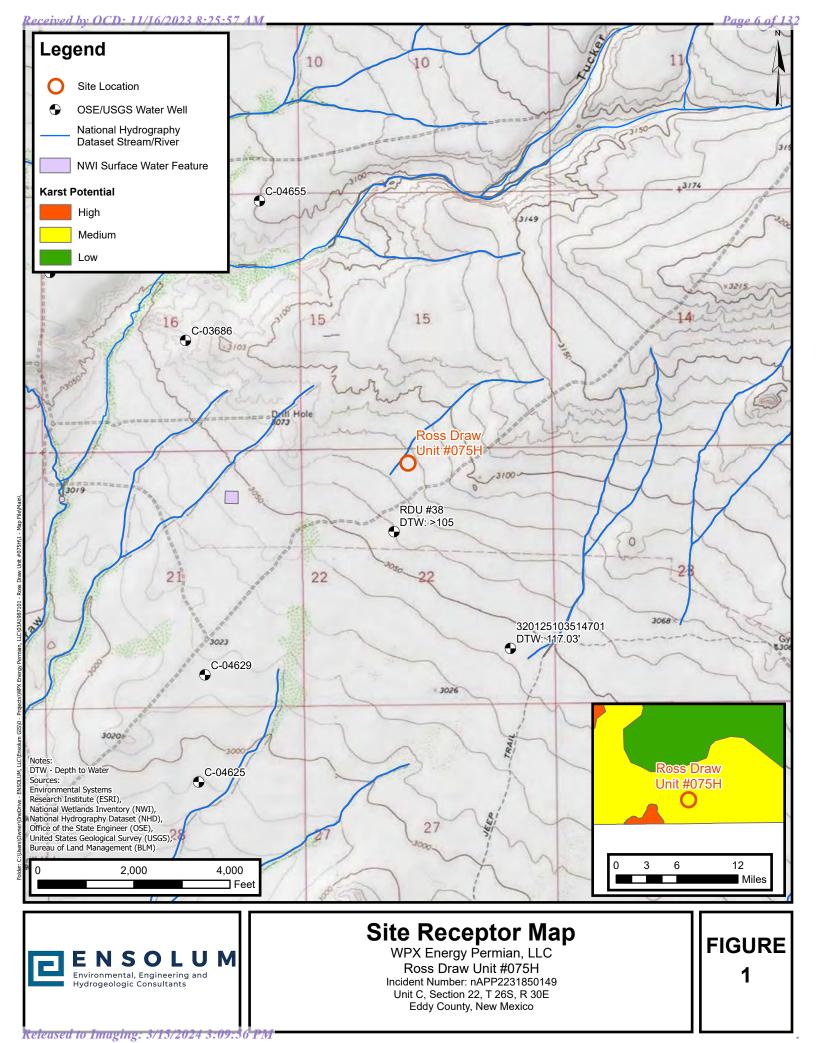
Appendix B Well Log and Record Appendix C Photographic Log

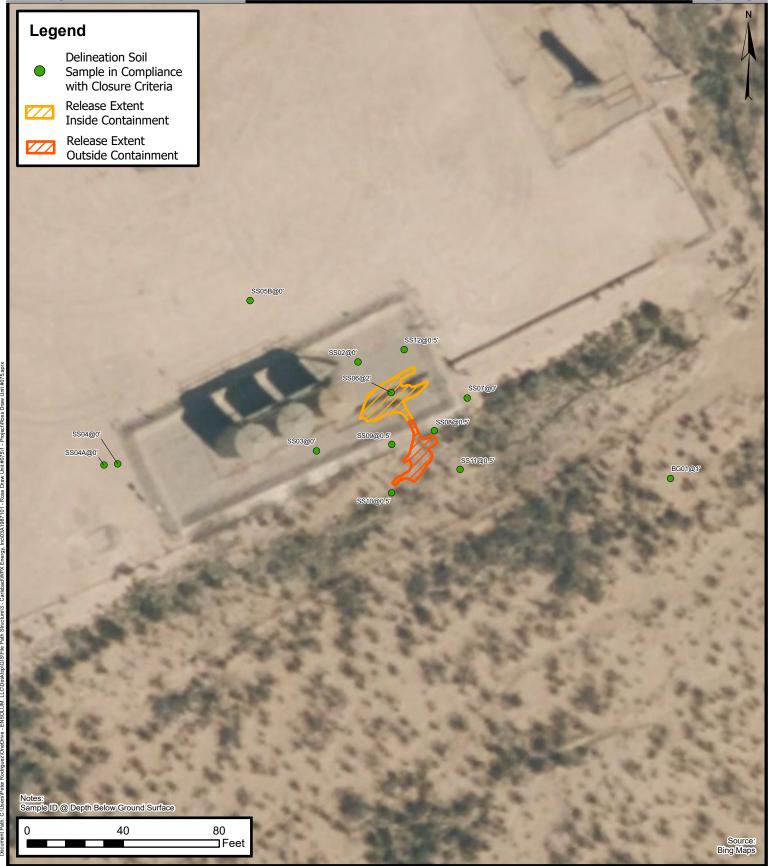
Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix E Email Correspondence



FIGURES







Delineation Soil Sample Locations

WPX Energy Permian, LLC Ross Draw Unit #075H Project Number: 03A1987101

Unit C, Section 22, T 26S, R 30E Eddy County, New Mexico FIGURE 2





Confirmation Soil Sample Locations

WPX Energy Permian, LLC Ross Draw Unit #075H Project Number: 03A1987101

Unit C, Section 22, T 26S, R 30E Eddy County, New Mexico FIGURE 3



TABLES



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Ross Draw Unit #075H **WPX Energy Permian, LLC Eddy County, New Mexico**

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
	Delineation Soil Samples									
BG01	11/18/2022	0	<0.0250	0.1298	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BG01	11/18/2022	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	11/30/2022	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0
SS03	11/30/2022	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0
SS04	12/15/2022	0	<0.0250	<0.0250	<20.0	170	271	170	441	<20.0
SS04A	1/4/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<50.0	382
SS05B	11/30/2022	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0
SS06	12/15/2022	2	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<50.0	334
SS07	12/15/2022	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0
SS08	9/20/2023	0.5	<0.025	<0.025	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0
SS09	9/20/2023	0.5	<0.025	<0.025	<20.0	<25.0	<50.0	<20.0	<50.0	25
SS10	9/20/2023	0.5	<0.025	<0.025	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0
SS11	9/20/2023	0.5	<0.025	<0.025	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0
SS12	9/20/2023	0.5	<0.025	<0.025	<20.0	<25.0	<50.0	<20.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

* 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.

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 2

SOIL SAMPLE ANALYTICAL RESULTS

Ross Draw Unit #075H WPX Energy Permian, LLC Eddy County, New Mexico

Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
	Confirmation Soil Samples									
CONF01	12/22/2022	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	2,800
CONF02	12/22/2022	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	835
CONF03	11/30/2022	1 1	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	358

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

[&]quot;<": Laboratory Analytical result is less than reporting limit

^{*} 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.



APPENDIX A

Form C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2231850149
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Application ID	

Release Notification

Responsible Party

Energy Permain,			1 (1(*2211)	2/16/280		
T1			OGRID 2	Felephone 575-689-7597		
Contact Name Jim Raley				-		
Contact email Jim.Raley@dvn.com				# (assigned by OCD) nAPP2231850149		
Contact mailing address 5315 Buena Vista Drive, Carlsbad, NM 88220						
	Location	of R	elease So	Source		
			I ongitude	-103.8702927		
	(NAD 83 in de	ecimal deg	grees to 5 decin	imal places)		
UNIT #075H			Site Type 0	Oil Well		
11/14/2022			API# (if app	pplicable) 30-015-38240		
Township	Range	<u> </u>	Cour	inty		
26S	· · · · · · · · · · · · · · · · · · ·					
	Nature and	d Vol	ume of l			
Volume Release	d (bbls)			Volume Recovered (bbls)		
Volume Release	d (bbls) 5			Volume Recovered (bbls) 0		
		chloride	e in the	☐ Yes ☐ No		
Volume Release	d (bbls)			Volume Recovered (bbls)		
Natural Gas Volume Released (Mcf)				Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units)			1	Volume/Weight Recovered (provide units)		
nd a small amoun	t outside of berm.	l .		prox 5 bbls of produced water to be released to earthen recovered fluids (bbl)		
	UNIT #075H 11/14/2022 Township 26S ☐ Federal ☐ Tr I(s) Released (Select al Volume Release	Tocation Sale Sal	Township Range 26S 30E Eddy Nature and Vol (s) Released (Select all that apply and attach calculat Volume Released (bbls) Volume Released (bbls)	Solution of Release Section Incident is		

Received by OCD: 11/16/2023 8:25:57 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?				
☐ Yes ⊠ No					
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?				
	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 rele	ease has been stopped.				
The impacted area ha	s been secured to protect human health and the environment.				
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.				
All free liquids and re	ecoverable materials have been removed and managed appropriately.				
If all the actions described above have <u>not</u> been undertaken, explain why:					
has begun, please attach	(AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.				
	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and				
	required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have				
failed to adequately investig	ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In				
addition, OCD acceptance of and/or regulations.	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.				
Printed Name:Jim Raley Title:Environmental Professional					
hin Robe e					
Signature: fin Roll	Date:11/14/2022				
	com Telephone: 575-689-7597				
OCD Only					
Received by:	Date:				
1.00011000 0 3.					

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Incident ID	nAPP2231850149	
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Site Assessment/Characterization

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?	<u>>105</u> (ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No		
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No		
Did the release impact areas not on an exploration, development, production, or storage site?	⊠ Yes □ No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	rtical extents of soil		
Characterization Report Checklist: Each of the following items must be included in the report.			
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs 			
M politik of excavation loss			

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Topographic/Aerial maps

Photographs including date and GIS information

☐ Laboratory data including chain of custody

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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.

Printed Name: Jim Raley

Title: Environmental Specialist

Date: 11/16/2023

email: jim.raley@dvn.com

Telephone: 575-689-7597

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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

ng items must be included in the closure report.						
29.11 NMAC						
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)						
□ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)						
raplete to the best of my knowledge and understand that pursuant to OCD rules rtain release notifications and perform corrective actions for releases which e of a C-141 report by the OCD does not relieve the operator of liability I remediate contamination that pose a threat to groundwater, surface water, of a C-141 report does not relieve the operator of responsibility for gulations. The responsible party acknowledges they must substantially e conditions that existed prior to the release or their final land use in the OCD when reclamation and re-vegetation are complete. Title: Environmental Specialist Date:						
Date:						
arty of liability should their operations have failed to adequately investigate and ace water, human health, or the environment nor does not relieve the responsible and/or regulations.						
Date: 03/15/2024						
Title: _ Environmental Specialist Adv.						



APPENDIX B

Well Record

		HR							MONITORING W	ELL COMPLETIO	N DIAGRAM
\nearrow		C O	MPI	1 A N	C F		Boring/Wel		W-1	Location: Ross Draw U	Jnit #38
		\$ 0	LUI	101	NS		Date: Client:				
Drilling Me	ethod:		Sampling 1	Method:			Logged By:		3/2020	WPX En	ergy
1	Air Rotar	y	oumpinig :		one		Борров Бу.		nn, PG	Talon I	.PE
Gravel Paci		, d	Gravel Pac	k Depth Inte			Seal Type:	Iona	Seal Depth Interval:	Latitude:	200
Casing Typ	0/20 Sar oe:	Diameter:		3 B Depth Inter				lone al Depth (ft. BC	None SS):	32.0303 Longitude:	500
PV	VC	2-inch		0-100 fe)5	-103.871	
Screen Typ	ie: VC	Slot: 0.010-ir	nch	Diameter: 2-inch		Interval: 105 ft	Well Total	Depth (ft. BGS)): O 5	Depth to Water (ft. BTOC): > 105	DTW Date: 12/16/2020
				Z-IIICII]	103	12/10/2020
Depth Interval (ft)	Recovery (ft)	Plasticity	Moisture	or.	Staining	PID (ppm)	S	Sample ID	I :411	/D	Well
Depth terval (f	(ft)	last	Aois	Odor	Stair) (I	USCS	amp	Litholog	y/Remarks	Completion
Ini	<u> </u>	Ь			•	ld l		S			
0									D-1 /1		↓
5	NM	L	D	N	N	NM	SW	NS		oink to buff colored ninor medium and	↓
10	1 1111			11	11	1 11/1	5 **	145		e sand	1
15											1
20									Dala anonga/nala		1
25	NM	L	D	N	N	NM	SP	NS		pink poorly graded sand	$oxed{I} $
30									ime sand		$[\hspace{.1cm} \hspace{.1cm} \hspace{.1cm} \hspace{.1cm} $
35											I
40											$[\hspace{.1cm} \hspace{.1cm} \hspace{.1cm} \hspace{.1cm} $
45									T / 1.1 /	, ,	$[\hspace{.1cm} \hspace{.1cm} \hspace{.1cm} \hspace{.1cm} $
50	NM	L	D	N	N	NM	SP	NS		pale orange poorly fine sand	$[\hspace{.1cm} \hspace{.1cm} \hspace{.1cm} \hspace{.1cm} $
55									graded	inie sand	T
60											T
65											I
70											T
75											T
80	NIM	, l	Ъ	, T	N.⊤	NIN 4	CD	Nic	Brick red brown	poorly graded fine	T
85	NM	L	D	N	N	NM	SP	NS		and	T
90	1										†
95	1										†
100	NM	L	D	N	N	NM	SP	NS	Tan/pale brown/pal graded fine sand - 3		



APPENDIX C

Photographic Log



Photographic Log WPX Energy Permian, LLC Ross Draw Unit #075H nAPP2231850149





Photograph 1 Date: 9/20/2023 Photograph 2 Date: 9/20/2023

Description: Lease Sign Description: Vertical Delineation

View: Southeast View: Southeast





Photograph 3 Date: 9/20/2023 Photograph 4 Date: 9/20/2023

Description: Release Area Description: Vertical Delineation

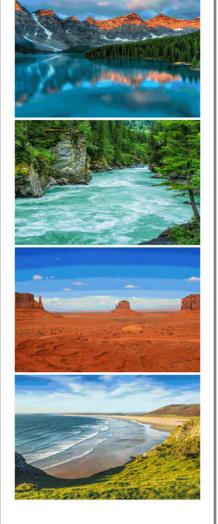
View: East View: Northeast



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

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:

Ross Draw Unit #075H - 11.6.22

Spill

Work Order:

E212027

Job Number:

01058-0007

Received:

12/5/2022

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 12/15/22

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.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/15/22

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210



Project Name: Ross Draw Unit #075H - 11.6.22 Spill

Workorder: E212027

Date Received: 12/5/2022 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/5/2022 8:15:00AM, under the Project Name: Ross Draw Unit #075H - 11.6.22 Spill.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #075H - 11.6.22 Spill 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

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Raina Schwanz

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Field Offices:

Southern New Mexico Area Lynn Jarboe West Texas Midland/Odessa Area Tom Brown

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.6.22 Spill	Donoutoda	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/22 13:33	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 - 2'	E212027-01A	Soil	11/30/22	12/05/22	Glass Jar, 4 oz.
SS01 - 4'	E212027-02A	Soil	11/30/22	12/05/22	Glass Jar, 4 oz.
SS01 - 6'	E212027-03A	Soil	11/30/22	12/05/22	Glass Jar, 4 oz.
SS01 - 8'	E212027-04A	Soil	11/30/22	12/05/22	Glass Jar, 4 oz.
SS01 - 10'	E212027-05A	Soil	11/30/22	12/05/22	Glass Jar, 4 oz.
SS01 - 12'	E212027-06A	Soil	11/30/22	12/05/22	Glass Jar, 4 oz.
SS02 - 0'	E212027-07A	Soil	11/30/22	12/05/22	Glass Jar, 4 oz.
SS03 - 0'	E212027-08A	Soil	11/30/22	12/05/22	Glass Jar, 4 oz.
SS05B - 0'	E212027-09A	Soil	11/30/22	12/05/22	Glass Jar, 4 oz.



Case Narative:

Project Name: Ross Draw Unit #075H- 11.6.22 Spill

Workorder: E212027

Date Received: 12-05-2022

The client requested the following sample(s) to be re-extracted and re-analyzed:

Sample Name	<u>Laboratory ID</u>	<u>Analysis</u>
SS01-12'	E212027-06A	GRO by 8015
SS01-12'	E212027-06A	DRO-ORO by 8015

The analytical test results summarized in this revised report represent this re-extration and re-analysis.

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

Respectfully,

Walter Hinchman

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

SS01 - 2' E212027-01

		E212027-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2250019
Benzene	1.10	0.0500	2	12/05/22	12/07/22	
Ethylbenzene	7.75	0.0500	2	12/05/22	12/07/22	
Toluene	20.2	0.0500	2	12/05/22	12/07/22	
o-Xylene	19.6	0.0500	2	12/05/22	12/07/22	
o,m-Xylene	46.3	0.100	2	12/05/22	12/07/22	
Total Xylenes	65.9	0.0500	2	12/05/22	12/07/22	
Surrogate: 4-Bromochlorobenzene-PID		114 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2250019
Gasoline Range Organics (C6-C10)	547	40.0	2	12/05/22	12/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		117 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2250052
Diesel Range Organics (C10-C28)	7510	250	10	12/07/22	12/08/22	
Oil Range Organics (C28-C36)	1680	500	10	12/07/22	12/08/22	
Surrogate: n-Nonane		140 %	50-200	12/07/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2250049
Chloride	146	20.0	1	12/07/22	12/07/22	



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

SS01 - 4'

E212027-02						
Reporting						
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2250019
Benzene	0.0494	0.0250	1	12/05/22	12/06/22	
Ethylbenzene	0.338	0.0250	1	12/05/22	12/06/22	
Toluene	0.133	0.0250	1	12/05/22	12/06/22	
o-Xylene	0.976	0.0250	1	12/05/22	12/06/22	
o,m-Xylene	2.03	0.0500	1	12/05/22	12/06/22	
Total Xylenes	3.01	0.0250	1	12/05/22	12/06/22	
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	12/05/22	12/06/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2250019
Gasoline Range Organics (C6-C10)	71.9	20.0	1	12/05/22	12/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	12/05/22	12/06/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2250052
Diesel Range Organics (C10-C28)	291	25.0	1	12/07/22	12/08/22	
Oil Range Organics (C28-C36)	76.6	50.0	1	12/07/22	12/08/22	
Surrogate: n-Nonane		117 %	50-200	12/07/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2250049
Chloride	2540	20.0	1	12/07/22	12/07/22	



Sample Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

SS01 - 6'

E212027-03						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2250019
Benzene	ND	0.0250	1	12/05/22	12/07/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/07/22	
Toluene	ND	0.0250	1	12/05/22	12/07/22	
o-Xylene	ND	0.0250	1	12/05/22	12/07/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/07/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/07/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2250019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.9 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2250052
Diesel Range Organics (C10-C28)	74.3	25.0	1	12/07/22	12/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/22	12/08/22	
Surrogate: n-Nonane		122 %	50-200	12/07/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2250049
Chloride	1360	20.0	1	12/07/22	12/07/22	



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

SS01 - 8'

E212027-04

		ъ .:				
Analysis	Result	Reporting Limit	Dilution	Duomanad	Amalagad	Notes
Analyte	Kesuit	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2250019
Benzene	ND	0.0250	1	12/05/22	12/07/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/07/22	
Toluene	ND	0.0250	1	12/05/22	12/07/22	
o-Xylene	0.0360	0.0250	1	12/05/22	12/07/22	
p,m-Xylene	0.0983	0.0500	1	12/05/22	12/07/22	
Total Xylenes	0.134	0.0250	1	12/05/22	12/07/22	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2250019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2250052
Diesel Range Organics (C10-C28)	208	25.0	1	12/07/22	12/08/22	
Oil Range Organics (C28-C36)	58.8	50.0	1	12/07/22	12/08/22	
Surrogate: n-Nonane		122 %	50-200	12/07/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2250049
	•	<u> </u>			<u> </u>	<u> </u>



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

SS01 - 10' E212027-05

		E212027-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
,	mg/kg	mg/kg		lyst: IY		Batch: 2250019
Volatile Organics by EPA 8021B	ND	0.0250	1	12/05/22	12/07/22	Batch: 223001)
Benzene			1			
Ethylbenzene	ND	0.0250	1	12/05/22	12/07/22	
Toluene	ND	0.0250	1	12/05/22	12/07/22	
o-Xylene	ND	0.0250	1	12/05/22	12/07/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/07/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/07/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2250019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2250052
Diesel Range Organics (C10-C28)	30.0	25.0	1	12/07/22	12/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/22	12/08/22	
Surrogate: n-Nonane		127 %	50-200	12/07/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2250049
Chloride	63.6	20.0	1	12/07/22	12/07/22	



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

SS01 - 12' E212027-06

		E212027-00				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2250019
Benzene	ND	0.0250	1	12/05/22	12/07/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/07/22	
Toluene	ND	0.0250	1	12/05/22	12/07/22	
o-Xylene	0.0425	0.0250	1	12/05/22	12/07/22	
p,m-Xylene	0.133	0.0500	1	12/05/22	12/07/22	
Total Xylenes	0.175	0.0250	1	12/05/22	12/07/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2251018
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/13/22	12/13/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130	12/13/22	12/13/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	12/13/22	12/13/22	
Surrogate: Toluene-d8		99.7 %	70-130	12/13/22	12/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2251017
Diesel Range Organics (C10-C28)	90.5	25.0	1	12/13/22	12/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/13/22	12/13/22	
Surrogate: n-Nonane		108 %	50-200	12/13/22	12/13/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2250049
Chloride	51.7	20.0	1	12/07/22	12/07/22	



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

SS02 - 0'

E212027-07

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2250019
Benzene	ND	0.0250	1	12/05/22	12/07/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/07/22	
Toluene	ND	0.0250	1	12/05/22	12/07/22	
o-Xylene	ND	0.0250	1	12/05/22	12/07/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/07/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/07/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2250019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.0 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2250052
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/22	12/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/22	12/08/22	
Surrogate: n-Nonane		117 %	50-200	12/07/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2250049
Chloride	ND	20.0	1	12/07/22	12/07/22	



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

SS03 - 0'

E212027-08

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2250019
Benzene	ND	0.0250	1	12/05/22	12/07/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/07/22	
Toluene	ND	0.0250	1	12/05/22	12/07/22	
o-Xylene	ND	0.0250	1	12/05/22	12/07/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/07/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/07/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2250019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2250052
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/22	12/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/22	12/08/22	
Surrogate: n-Nonane		122 %	50-200	12/07/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2250049
	ND	20.0		12/07/22	12/07/22	



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

SS05B - 0' E212027-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2250019
Benzene	ND	0.0250	1	12/05/22	12/07/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/07/22	
Toluene	ND	0.0250	1	12/05/22	12/07/22	
o-Xylene	ND	0.0250	1	12/05/22	12/07/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/07/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/07/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2250019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2250052
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/22	12/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/22	12/08/22	
Surrogate: n-Nonane		120 %	50-200	12/07/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2250049
Chloride	ND	20.0	1	12/07/22	12/07/22	

Ross Draw Unit #075H - 11.6.22 Spill Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 12/15/2022 1:33:18PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2250019-BLK1) Prepared: 12/05/22 Analyzed: 12/06/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.45 8.00 106 70-130 LCS (2250019-BS1) Prepared: 12/05/22 Analyzed: 12/06/22 4.92 98.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.08 0.0250 5.00 102 70-130 5.16 0.0250 5.00 103 70-130 Toluene o-Xylene 5.23 0.0250 5.00 105 70-130 10.3 10.0 103 70-130 0.0500 p.m-Xvlene 104 70-130 15.5 15.0 Total Xylenes 0.0250 8.00 107 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.54 Matrix Spike (2250019-MS1) Source: E212027-02 Prepared: 12/05/22 Analyzed: 12/07/22 4.65 0.0250 5.00 0.0494 92.0 54-133 Benzene 0.338 91.5 61-133 Ethylbenzene 4.91 0.0250 5.00 Toluene 4.89 0.0250 5.00 0.133 95.2 61-130 5.13 0.976 83.1 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 2.03 80.8 63-131 0.0250 15.0 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.78 8.00 Matrix Spike Dup (2250019-MSD1) Source: E212027-02 Prepared: 12/05/22 Analyzed: 12/07/22 4.80 0.0250 5.00 0.0494 54-133 3.18 0.338 61-133 4.53 5.14 0.0250 5.00 96.1 20 Ethylbenzene 61-130 Toluene 5.09 0.0250 5.00 0.133 99.1 3 93 20 5.44 5.00 0.976 89.3 63-131 5.82 20 o-Xylene 0.0250 10.7 10.0 2.03 86.9 63-131 5.90 20 p,m-Xylene 0.0500



16.2

8.80

0.0250

15.0

8.00

3.01

87.7

110

63-131

70-130

5.87

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Ross Draw Unit #075H - 11.6.22 Spill 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				12/15/2022 1:33:18PN
	Nor	nhalogenated	Organics l	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2250019-BLK1)							Prepared:	12/05/22	Analyzed: 12/06/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
LCS (2250019-BS2)							Prepared:	12/05/22	Analyzed: 12/06/22
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
Matrix Spike (2250019-MS2)				Sourc	e: E21202	27-02	Prepared:	12/05/22	Analyzed: 12/07/22
Gasoline Range Organics (C6-C10)	71.1	20.0	50.0	71.9	NR	70-130			M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
Matrix Spike Dup (2250019-MSD2)				Sourc	e: E21202	27-02	Prepared:	12/05/22	Analyzed: 12/07/22
Gasoline Range Organics (C6-C10)	82.6	20.0	50.0	71.9	21.4	70-130	14.9	20	M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			

Devon Energy - CarlsbadProject Name:Ross Draw Unit #075H - 11.6.22 SpillReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo12/15/20221:33:18PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

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

Blank (2251018-BLK1)						Prepared:	12/13/22	Analyzed: 12/13/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.500		0.500	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500	98.7	70-130			
Surrogate: Toluene-d8	0.508		0.500	102	70-130			
LCS (2251018-BS2)						Prepared:	12/13/22	Analyzed: 12/13/22
Gasoline Range Organics (C6-C10)	56.9	20.0	50.0	114	70-130			
Surrogate: Bromofluorobenzene	0.486		0.500	97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500	93.1	70-130			
Surrogate: Toluene-d8	0.509		0.500	102	70-130			
LCS Dup (2251018-BSD2)						Prepared:	12/13/22	Analyzed: 12/13/22
Gasoline Range Organics (C6-C10)	56.1	20.0	50.0	112	70-130	1.45	20	
Surrogate: Bromofluorobenzene	0.489		0.500	97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500	97.6	70-130			
Surrogate: Toluene-d8	0.510		0.500	102	70-130			



Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Ross Draw Unit #075H - 11.6.22 Spill 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			12/	15/2022 1:33:18PN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2250052-BLK1)							Prepared:	12/07/22 An	alyzed: 12/08/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	66.7		50.0		133	50-200			
LCS (2250052-BS1)							Prepared:	12/07/22 An	alyzed: 12/08/22
Diesel Range Organics (C10-C28)	225	25.0	250		90.2	38-132			
Surrogate: n-Nonane	61.7		50.0		123	50-200			
Matrix Spike (2250052-MS1)				Sourc	e: E21202	5-02	Prepared:	12/07/22 An	alyzed: 12/08/22
Diesel Range Organics (C10-C28)	393	25.0	250	173	88.1	38-132			
Surrogate: n-Nonane	63.7		50.0		127	50-200			
Matrix Spike Dup (2250052-MSD1)				Sourc	e: E21202	5-02	Prepared:	12/07/22 An	alyzed: 12/08/22
Diesel Range Organics (C10-C28)	412	25.0	250	173	95.8	38-132	4.79	20	
Surrogate: n-Nonane	63.2		50.0		126	50-200			



Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Ross Draw Unit #075H - 11.6.22 Spill 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/2022 1:33:18PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			12/1	5/2022 1:33:18PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2251017-BLK1)							Prepared:	12/13/22 Ana	lyzed: 12/13/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.5		50.0		101	50-200			
LCS (2251017-BS1)							Prepared:	12/13/22 Ana	lyzed: 12/13/22
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			
Matrix Spike (2251017-MS1)				Sourc	e: E21206	4-04	Prepared:	12/13/22 Ana	lyzed: 12/13/22
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	49.3		50.0		98.6	50-200			
Matrix Spike Dup (2251017-MSD1)				Sourc	e: E21206	4-04	Prepared:	12/13/22 Ana	lyzed: 12/13/22
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	2.74	20	
Surrogate: n-Nonane	48.3		50.0		96.6	50-200			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Ross Draw Unit 01058-0007	:#075Н -	11.6.22 Spi	11		Reported:
Artesia NM, 88210		Project Manager:		Ashley Gioveng	go				12/15/2022 1:33:18PM
		Anions	by EPA	300.0/9056A	\				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2250049-BLK1)							Prepared:	12/07/22	Analyzed: 12/07/22
Chloride	ND	20.0							
LCS (2250049-BS1)							Prepared:	12/07/22	Analyzed: 12/07/22
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2250049-MS1)				Source	e: E21202	5-01	Prepared:	12/07/22	Analyzed: 12/07/22
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2250049-MSD1)				Source	e: E21202	5-01	Prepared:	12/07/22	Analyzed: 12/07/22
Chloride	254	20.0	250	ND	102	80-120	0.687	20	

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/15/22 13:33

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



	Devon			<u> </u>		Bill To				La	b U	sé Or	ly			T/	Λ Τ	EPA P	rogram
				6.22 spill		tention: Jim Raley		Lab	WO#	,	٠,		Number	1D	2D	3D	Standard	CWA	SDWA
	/lanager:_A					dress: 5315 Buena Vista Dr		EZ	136	SZ :			F0007	<u> </u>	<u>L</u> .		X		ļ
	1224 Sta e, Zip: Car					<u>v, State, Zip: Calsbad, NM 88220</u> one: 575-689-7597)					Analy	sis and Metho	1		1 1			RCRA
Phone:	.e, 210: Car -505-382		11 00220			nail: jim.raley@dvn.com	-: .	ایرا	ا ر								<u> </u>	State	<u> </u>
	ashley.giov		escominc	.com	EII	iali: jim.raley@dvn.com		8015	801				اها		1		NMI CO	UT AZ	TX
Report d								O by	o by	802	3260	8	8	Σ	¥		× ×	01 /12	11/
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO	GRO/DRO by 8015	ВТЕХ Ьу 8021	VOC by 8260	Metals 6010	Chloride 300.0	ВСБОС	ВСООС			Remarks	
10:26	11/30/22	Soil	1 Jar			SS01 - 2'								х					
9:55	11/30/22	Soil	1 Jar			SS01 - 4'	2							х					
11:23	11/30/22	Soil	1 Jar			SS01 - 6'	3							х					
11:30	11/30/22	Soil	1 Jar			SS01 - 8'	4							х					
12:46	11/30/22	Soil	1 Jar			SS01 - 10'	5							х					
14:17	11/30/22	Soil	1 Jar			SS01 - 12'	Co							x					
10:02	11/30/22	Soil	1 Jar			SS02 - 0'	7							х					
11:04	11/30/22	Soil	1 Jar			SS03 - 0'	8							x					
	I					:	- Ten () () () () () () () () () (
12:21	11/30/22	Soil	1 Jar			SS05B - 0'	9							х					
_	ial Instructi trella@wes			Please CC: co	le.burto	n@wescominc.com, shar.harves	ter@wesc	omin	c.cor	n, jin	n.ral	ey@	dvn.com, ash	ley.g	iove	ngo@	wescominc.c	om,	
I, (field sam	pler), attest to t	he validity a	nd authentici	ty of this sample. I a		nat tampering with or intentionally mislabellin Sampled by:	ng the sample lo	cation),				es requiring thermal p i in ice at an avg temp						led or received
Relinquish	ed by: (Signat	ure)	1000	On Time	:120	Received by: (Signature)	Date 2-02-	22	Time (O	:12	-	Rec	eived on ice:	L	áb U	se On	ly c		
	ed by: (Signat		Date 12	Time	00	Regeived by Signature	Date 12/5/2		Time,	15	_	Ti		T2			13		
Relinquish	ed by: (Signat	ur e/)	Date	Time		Received by: (Signature)	Date		Time			AVG	Temp [©] C	1					
Sample Mat	rix: S - Soil, Sd -	Solid, Sg - Sl	udge, A - Aqu	eous, O - Other			Containe	Туре	: g - g	glass,	p - p		lastic, ag - amb	er gla	ss, v	- VOA	naverse samme in the first of	<u>anterior (1945) di Mine</u>	<u> 11 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </u>
	•		-	•		er arrangements are made. Hazardous s	amples will be	e retur	rned to	clien	t or c	lispose	ed of at the client				ort for the analy	sis of the a	bove
samples is	applicable on	ly to those	samples rec	eived by the labo	ratory with	h this COC. The liability of the laboratory	is limited to t	he am	ount	paid fo	or on	the re	port.						

Printed: 12/5/2022 12:30:34PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	12/05/22 08	:15		Work Order ID:	E212027
Phone:	(505) 382-1211	Date Logged In:	12/05/22 09	:22		Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	12/09/22 17	':00 (4 day TAT)			
G1 1 6	G + 1 (G0G)						
	Custody (COC)		••				
	ne sample ID match the COC?	oh the COC	Yes				
	ne number of samples per sampling site location mat	ich the COC	Yes				
	amples dropped off by client or carrier?	19	Yes Yes	Carrier: C	Courier Courier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?					
3. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion		Yes	ı		Comment	s/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		White out	present on CO	OC when received.
Sample C	· •						
	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		No				
	custody/security seals present?		No				
	were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	Container _	· · · · · · · · · · · · · · · · · · ·	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal	pel						
20. Were	— field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	'			
	ollectors name?		No				
	<u>Preservation</u> the COC or field labels indicate the samples were pr	agamyad0	NI-				
	ample(s) correctly preserved?	eserveu?	No NA				
	filteration required and/or requested for dissolved m	netals?	No				
	•	icuis.	140				
	se Sample Matrix	9					
	the sample have more than one phase, i.e., multipha		No				
	does the COC specify which phase(s) is to be analy	/zed?	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborator	-	No				
29. Was a	subcontract laboratory specified by the client and if	f so who?	NA S	Subcontract Lab	o: na		
Client I	<u>istruction</u>						
							0

Date

Project Information	Chain of Custody

	1	
Page _	of	1

Client:	Devon				100	Bill To	-	4.390	5	1.5	b Us	ė Onl	V	170	978	_	T/	AT		EPA Pr	ogram
	Ross Draw	Unit #075	H- 11.	6.22 501	11	Attention: Jim Raley		Lab	WO#			Jöb N		oer,	1D	2D	3D	Alteria.	ndard	CWA	SDWA
	lanager: A				343	Address: 5315 Buena Vista Dr		E	12	32				000					x		
	1224 Star					City, State, Zip: Calsbad, NM 8822	20							d Met							RCRA
City, Stat	e, Zip: Carl	sbad, NN	188220			Phone: 575-689-7597												123			
	505-382-3					Email: jim.raley@dvn.com		115	115				100							State	
	ashley.giove	engo@w	escominc	.com	6 2			34 80	y 80	77	Q	0	0.0	1	IN				NM CO	UT AZ	TX
Report d	ue by:				1 17			5	ROL	y 80	826	601	e 30		^	A Acres			×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	340		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	верос				Remarks	
10:26	11/30/22	Soil	1 Jar			SS01 - 2'									x						
9:55	11/30/22	Soil	1 Jar			SS01 - 4'	2	17.71							x						
11:23	11/30/22	Soil	1 Jar			SS01 - 6'	3								х						
11:30	11/30/22	Soil	1 Jar			SS01 - 8'	4	A 100 mm							х					وأغروا	
12:46	11/30/22	Soil	1 Jar			SS01 - 10'	5								х						2
14:17	11/30/22	Soil	1 Jar			SS01 - 12'	4	1							×				tole c		t rena
10:02	11/30/22	Soil	1 Jar			SS02 - 0'	7								×				0	PH o	
11:04	11/30/22	Soil	1 Jar			SS03 - 0'	8								х				Samf		40
					-11			440											121	12/22	CC
12:21	11/30/22	Soil	1 Jar			SS05B - 0'	9	State Street							х						
Addition	al Instruction	ons: Ke	pt on ice,	Please CC	: cole.bu	rton@wescominc.com, shar.harve	ester@weso	omir	ic.coi	m, jir	n.ral	ey@c	lvn.c	om, a	shley.	giove	ngo@	weso	ominc.co	m,	
	trella@wes																				
				and the second second		re that tampering with or intentionally mislabel	ling the sample	location	١,			and the same							n ice the day to subsequent day		ed or received
	of collection is		raud and ma	0.4			To .	-	1	_		packeu	in ice a	It an avg	emp abov				uosequent day	/s.	-34 / 2 2
WARD	d by: Isignatu	RRIR	0 0	ar	10:12	Received by: (Signature)	12-02	22	10	:12		Rece	ived	on ic	: (lse Or V	nly			
Rainquish	ed by Islandatu	LYS_	12	-3-22	1800	Received by: (Signature)	12/5/	22	8	15		T1	4. 意	· · · · · · · · · · · · · · · · · · ·	<u>T2</u>				T3L"		
Relinquish	ed by: (Signatu	ır d)	Date		Time	Received by: (Signature)	Date		Time			AVG	Tem	p°C	4						
Sample Mat	rix: S - Soil, Sd -	Solid, Sg - Slo	idge, A - Aqu	eous, O - Othe	er		Containe	r Type	e: g - 1	glass,	p - p	State of Assess	del and the safe file	1000	nber gl	ass, v	- VOA				
						other arrangements are made. Hazardous with this COC. The liability of the laborator	samples will b	e retu	rned t	o clier	nt or d	ispose	d of a						r the analy	sis of the al	oove
																	1-			-	



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: Ross Draw Unit #075H 11.6.22

Spill

Work Order: E212112

Job Number: 01058-0007

Received: 12/19/2022

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 12/22/22

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. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/22/22

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Ross Draw Unit #075H 11.6.22 Spill

Workorder: E212112

Date Received: 12/19/2022 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/19/2022 8:30:00AM, under the Project Name: Ross Draw Unit #075H 11.6.22 Spill.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #075H 11.6.22 Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H 11.6.22 Spill	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/22 14:11

Client Sample ID	Lab Sample ID Matrix	Sampled I	Received	Container
SS04- 0'	E212112-01A Soil	12/15/22 1	2/19/22	Glass Jar, 2 oz.
SS06 - 2'	E212112-02A Soil	12/15/22	2/19/22	Glass Jar, 2 oz.
SS07 - 0'	E212112-03A Soil	12/15/22	2/19/22	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/2022 2:11:32PM

SS04- 0' E212112-01

		E212112-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2252005
Benzene	ND	0.0250	1	12/19/22	12/19/22	
Ethylbenzene	ND	0.0250	1	12/19/22	12/19/22	
Toluene	ND	0.0250	1	12/19/22	12/19/22	
o-Xylene	ND	0.0250	1	12/19/22	12/19/22	
p,m-Xylene	ND	0.0500	1	12/19/22	12/19/22	
Total Xylenes	ND	0.0250	1	12/19/22	12/19/22	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	12/19/22	12/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2252005
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/19/22	12/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.2 %	70-130	12/19/22	12/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2252008
Diesel Range Organics (C10-C28)	170	25.0	1	12/19/22	12/20/22	
Oil Range Organics (C28-C36)	271	50.0	1	12/19/22	12/20/22	
Surrogate: n-Nonane		92.0 %	50-200	12/19/22	12/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2252020
Chloride	ND	20.0	1	12/20/22	12/20/22	



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/2022 2:11:32PM

SS06 - 2'

E212112-02

	Reporting				
Result	Limit	Diluti	on Prepared	Analyzed	Notes
mg/kg	mg/kg	A	nalyst: SL		Batch: 2252005
ND	0.0250	1	12/19/22	12/19/22	
ND	0.0250	1	12/19/22	12/19/22	
ND	0.0250	1	12/19/22	12/19/22	
ND	0.0250	1	12/19/22	12/19/22	
ND	0.0500	1	12/19/22	12/19/22	
ND	0.0250	1	12/19/22	12/19/22	
	97.5 %	70-130	12/19/22	12/19/22	
mg/kg	mg/kg	A	.nalyst: SL		Batch: 2252005
ND	20.0	1	12/19/22	12/19/22	
	92.8 %	70-130	12/19/22	12/19/22	
mg/kg	mg/kg	A	.nalyst: JL		Batch: 2252008
ND	25.0	1	12/19/22	12/20/22	
ND	50.0	1	12/19/22	12/20/22	
	94.4 %	50-200	12/19/22	12/20/22	
mg/kg	94.4 % mg/kg		12/19/22 analyst: RAS	12/20/22	Batch: 2252020
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 92.8 % mg/kg mg/kg mg/kg ND 25.0	Result Limit Dilution mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 97.5 % 70-130 mg/kg mg/kg A ND 20.0 1 92.8 % 70-130 A mg/kg mg/kg A ND 25.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 12/19/22 ND 0.0250 1 12/19/22 ND 0.0250 1 12/19/22 ND 0.0250 1 12/19/22 ND 0.0500 1 12/19/22 ND 0.0250 1 12/19/22 mg/kg mg/kg Analyst: SL ND 20.0 1 12/19/22 mg/kg mg/kg Analyst: JL mg/kg mg/kg Analyst: JL ND 25.0 1 12/19/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 12/19/22 12/19/22 ND 0.0250 1 12/19/22 12/19/22 ND 0.0250 1 12/19/22 12/19/22 ND 0.0500 1 12/19/22 12/19/22 ND 0.0250 1 12/19/22 12/19/22 ND 0.0250 1 12/19/22 12/19/22 mg/kg mg/kg Analyst: SL ND 20.0 1 12/19/22 12/19/22 mg/kg mg/kg Analyst: JL ND 25.0 1 12/19/22 12/20/22



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H 11.6.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/2022 2:11:32PM

SS07 - 0'

E212112-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2252005
Benzene	ND	0.0250	1	12/19/22	12/20/22	
Ethylbenzene	ND	0.0250	1	12/19/22	12/20/22	
Toluene	ND	0.0250	1	12/19/22	12/20/22	
o-Xylene	ND	0.0250	1	12/19/22	12/20/22	
p,m-Xylene	ND	0.0500	1	12/19/22	12/20/22	
Total Xylenes	ND	0.0250	1	12/19/22	12/20/22	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	12/19/22	12/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2252005
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/19/22	12/20/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	12/19/22	12/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2252008
Diesel Range Organics (C10-C28)	ND	25.0	1	12/19/22	12/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/19/22	12/20/22	
Surrogate: n-Nonane		105 %	50-200	12/19/22	12/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2252020
Chloride	ND	20.0	1	12/20/22	12/20/22	



		QC 50	A 1111111	ary Dat	a								
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	0	Ross Draw Uni		1.6.22 Spil	1	12/	Reported:				
Artesia NM, 88210		Project Manager:	P	Ashley Gioven	go			12/	12/22/2022 2:11:32PM				
	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 (2252005-BLK1)							Prepared: 1	2/19/22 Anal	yzed: 12/19/22				
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	7.78		8.00		97.2	70-130							
LCS (2252005-BS1)							Prepared: 1	2/19/22 Anal	yzed: 12/19/22				
Benzene	4.48	0.0250	5.00		89.6	70-130							
Ethylbenzene	4.67	0.0250	5.00		93.4	70-130							
Toluene	4.75	0.0250	5.00		94.9	70-130							
p-Xylene	4.81	0.0250	5.00		96.2	70-130							
p,m-Xylene	9.49	0.0500	10.0		94.9	70-130							
Total Xylenes	14.3	0.0250	15.0		95.3	70-130							
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130							
Matrix Spike (2252005-MS1)				Source:	E212110-	02	Prepared: 1	2/19/22 Anal	yzed: 12/19/22				
Benzene	4.53	0.0250	5.00	ND	90.6	54-133							
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	61-133							
Toluene	4.80	0.0250	5.00	ND	95.9	61-130							
p-Xylene	4.86	0.0250	5.00	ND	97.2	63-131							
p,m-Xylene	9.59	0.0500	10.0	ND	95.9	63-131							
Total Xylenes	14.5	0.0250	15.0	ND	96.3	63-131							
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130							
Matrix Spike Dup (2252005-MSD1)				Source:	E212110-	02	Prepared: 1	2/19/22 Anal	yzed: 12/19/22				
Benzene	4.47	0.0250	5.00	ND	89.5	54-133	1.21	20					
Ethylbenzene	4.68	0.0250	5.00	ND	93.5	61-133	0.921	20					
Toluene	4.75	0.0250	5.00	ND	94.9	61-130	1.05	20					
o-Xylene	4.81	0.0250	5.00	ND	96.2	63-131	1.03	20					
0-Aylene		0.0250											
p,m-Xylene	9.49 14.3	0.0500	10.0 15.0	ND ND	94.9 95.3	63-131 63-131	1.07 1.05	20 20					

8.00

7.81

70-130



Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Ross Draw Unit #075H 11.6.22 Spill 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/2022 2:11:32PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			12/	22/2022 2:11:32PM		
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO			Analyst: SL		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2252005-BLK1)							Prepared: 1	2/19/22 Anal	yzed: 12/19/22		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130					
LCS (2252005-BS2)							Prepared: 1	12/19/22 Analyzed: 12/19/22			
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.2	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130					
Matrix Spike (2252005-MS2)				Source:	E212110-0	02	Prepared: 1	2/19/22 Ana	yzed: 12/19/22		
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.4	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		96.9	70-130					
Matrix Spike Dup (2252005-MSD2)				Source:	Source: E212110-02 Prep			2/19/22 Anal	yzed: 12/19/22		
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.7	70-130	2.47	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130					

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Ross Draw Unit #075H 11.6.22 Spill 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/2022 2:11:32PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			13	2/22/2022 2:11:32PN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	70	70	70	70	notes
Blank (2252008-BLK1)							Prepared: 1	2/19/22 An	alyzed: 12/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.5		50.0		93.1	50-200			
LCS (2252008-BS1)							Prepared: 1	2/19/22 An	alyzed: 12/19/22
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
urrogate: n-Nonane	51.1		50.0		102	50-200			
Matrix Spike (2252008-MS1)				Source:	E212089-	01	Prepared: 1	2/19/22 An	alyzed: 12/19/22
Diesel Range Organics (C10-C28)	2830	25.0	250	1560	510	38-132			M4
Surrogate: n-Nonane	50.1		50.0		100	50-200			
Matrix Spike Dup (2252008-MSD1)				Source:	E212089-	01	Prepared: 1	2/19/22 An	alyzed: 12/19/22
Diesel Range Organics (C10-C28)	1620	25.0	250	1560	26.5	38-132	54.3	20	M4, R4
Surrogate: n-Nonane	51.4		50.0		103	50-200			



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	oss Draw Uni 1058-0007 shley Gioven		.6.22 Spil	11	Reported: 12/22/2022 2:11:32PM			
		Anions	by EPA	300.0/9056	A				Analyst: RAS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2252020-BLK1)							Prepared: 1	2/20/22 A	Analyzed: 12/20/22		
Chloride	ND	20.0									
LCS (2252020-BS1)							Prepared: 1	2/20/22	Analyzed: 12/20/22		
Chloride	255	20.0	250		102	90-110					
Matrix Spike (2252020-MS1)				Source:	E212114-2	21	Prepared: 1	2/20/22 A	Analyzed: 12/20/22		
Chloride	253	20.0	250	ND	101	80-120					
Matrix Spike Dup (2252020-MSD1)				Source:	E212114-2	21	Prepared: 1	2/20/22 A	Analyzed: 12/20/22		

250

20.0

ND

97.8

80-120

QC Summary Report Comment:

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



Definitions and Notes

Γ	Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H 11.6.22 Spill	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/22/22 14:11

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.

R4 The RPD exceeded the acceptance limit. Sample visually appears to be non-homogenous.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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:	Devor	Eng	ryy			Bill To				La	ab U	se On	ly					AT	EPA	Program
Project:	ROVI	075	Holl.	le.22 sp	A	ttention: Sim faley		Lab	WO#	#		Job			1D	2D	3D	Standard	CWA	SDWA
Address	:1274	HISME	10	oveng	D	ity, State, Zip Carls bad,	cta Dr	12	12	112				-0007				*		
				im 88	720 P	none: 5 75- 689-7	597	0	1			Analy	sis a	nd Metho	od T	-				RCRA
	505-3			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		mail: im.raley adv		ru.	ιΩ						10			-	State	
Email:	shley.			wescor	ninc -	Jan	1.(01.)	/ 801	/ 801				0.		-			NM C	0.000	ZTX
Report	due by:			· c	om			RO b	30 b	, 802	8260	6010	e 300		ΣZ	×		V		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample II)		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	верос			Remark	s
12:14	12/5	Soil	Vijar	350	54-0		1								X					
12:25	12/15	Soil	Mar	550	le - 2	Y	2								+					
13:23	12/15	5611	1500	550	7-0)	3								X					
) —)(
	~ 6 2 (D	~ \ \ ()	104	*) A M	V 12 L	e cc cole. burton.	(DYD)		(1) Y	C 1.	jin	n.r	al	eypo	du	n. 0	6 m	n, ashl	ey gi	vengo
l, (field san date or time	of collection	o the validity is considere	and auther	nticity of this sa	imple. I am awar ds for legal action	e that tampering with or intentionally mislal	pelling the sampl	e locati	on,									ceived on ice the o	And the state of t	pled or received
land)	led by: (Ster	1	Dat 2	116/72	Time 16:47a	Received by: (Signature)	Date 12-16	22	Time	:42		Rece	eived	on ice:		ab L	lse On	ily		
Relinquist	ped by: (Sign	ature)	Dat	16-22	Time 16 30	Received by: Signature At	Date ,	kz	Time	_		T1			T2	,		Т3		
Relinquish	ned by: (Sigr	atur b)	Dat	е	Time	Received by: (Signature)	Date		Time				Tem	np °C_	4					
Sample Ma	trix: S - Soil, S	d - Solid, Sg -	Sludge, A -	Aqueous, O - O	Other		Containe	r Type	e: g - g	glass,	p - p				er gla	iss. v	- VOA			
Note: San	ples are dis	carded 30 c	lays after r	esults are rep	orted unless o	ther arrangements are made. Hazardo	us samples wil	be ret	urned	to clie	ent or	dispo	sed o	f at the cli	ent exp	pense	. The r	report for the	analysis of th	e above
samples is	applicable	only to thos	e samples	received by t	he laboratory	with this COC. The liability of the labora	tory is limited t	o the a	moun	t paid	for o	n the r	eport							



envirotech Inc.

Printed: 12/19/2022 9:05:43AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	12/19/22	08:30	Work Order ID:	E212112
Phone:	(505) 382-1211	Date Logged In:	12/19/22	09:03	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	12/23/22	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: <u>UP</u>	<u>PS</u>	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	Yes	_	Comment	s/Resolution
Sample 1	<u> [urn Around Time (TAT)</u>					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes			
	Container		_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lal	• • • • • • • • • • • • • • • • • • • •	nois conceica.	105			
-	field sample labels filled out with the minimum info	ormation.				
	ample ID?		Yes			
	ate/Time Collected?		Yes	L		
C	ollectors name?		No			
Sample I	Preservation_					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved r	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	ise?	No			
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborate	ory?	No			
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab:	na	
	nstruction .					
CHERT	isti uction					

Date

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

Received by OCD: 11/16/2023 8:25:57 AM

Project Information Chair	of Custod	1											Page	L of !
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City, State, Zip Carls bad, Nm 88720 Phone: 575- 689-75	597					Allaly:	SIS alle	1 Method		1				NCNA
Phone: 505-382-12-11 Email: im raley & dva		15	15										State	
Email: ashley giovengo a wescomine		by 80	by 80	8021	90	0	0.00		NM			NM	CO UT AZ	TX Z
Report due by: ·com	Lau	ORO	DRO	by 80	y 82	\$ 6010	de 30			¥		*		
Sampled Sampled Matrix No. of Containers Sample ID	Lab Number	DRO/ORO by 8015	GRO/	втех Бу	VOC by	Metals	Chloride 300.0		верос	верос			Remark	S
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i, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabe date or tipe of collection is considered fraud and may be grounds for legal action. Sampled by:	lling the sample	locati	on,	1								celved on Ice th	e day they are sam ent days.	pled or received
Relinquished by: (Structure) - Date 2 16/72 6:47 am Willelle Cy L	Date 12-16-	22	Time 10	42		Page	ivad -	on ice:		ab Us	e On	ıly		
Relinquished by: (Signature) Date Time Recgived by: (Signature) Recgived by: (Signature) Reclinquished by: (Signature) Recgived by: (Signature) Land Land Land Recgived by: (Signature) Land Land Recgived by: (Signature) Recgived b	Date 12/19		71				iveu (on ice:	6	AN				
Relinquished by: (Signature) Date Time Received by: (Signature)	Date		Time	U		T1			4			<u>T3</u>		
							Temp							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Container	Type	g-g	to cli	p - po	ly/pla	estic, a	ng - ambe	er gla:	ss, v -	VOA	connect for 11	o municipal et el	e a bayes
samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory	ry is limited to	the	moun	t paid	for or	thor	onart	at the cile	nt exp	ense.	ine	report for th	e analysis of th	e above



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: Ross Draw Unit #075H

Work Order: E301013

Job Number: 01058-0007

Received: 1/6/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/10/23

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. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 1/10/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Ross Draw Unit #075H

Workorder: E301013

Date Received: 1/6/2023 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/6/2023 7:15:00AM, under the Project Name: Ross Draw Unit #075H.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #075H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

_			-	
I	Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	Reported:
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/10/23 09:09

Client Sample ID	Lab Sample ID Ma	ntrix	Sampled	Received	Container
SS04A - 0'	E301013-01A So	oil	01/04/23	01/06/23	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/10/2023 9:09:54AM

SS04A - 0' E301013-01

		ECOTOTO OT					
	D. I	Reporting		ı.	D 1		N.
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2301038
Benzene	ND	0.0250		1	01/06/23	01/06/23	
Ethylbenzene	ND	0.0250		1	01/06/23	01/06/23	
Toluene	ND	0.0250		1	01/06/23	01/06/23	
o-Xylene	ND	0.0250		1	01/06/23	01/06/23	
p,m-Xylene	ND	0.0500		1	01/06/23	01/06/23	
Total Xylenes	ND	0.0250		1	01/06/23	01/06/23	
Surrogate: Bromofluorobenzene		98.7 %	70-130		01/06/23	01/06/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		01/06/23	01/06/23	
Surrogate: Toluene-d8		97.9 %	70-130		01/06/23	01/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2301038
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/06/23	01/06/23	
Surrogate: Bromofluorobenzene		98.7 %	70-130		01/06/23	01/06/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130		01/06/23	01/06/23	
Surrogate: Toluene-d8		97.9 %	70-130		01/06/23	01/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2301040
Diesel Range Organics (C10-C28)	ND	25.0	_	1	01/05/23	01/06/23	
Oil Range Organics (C28-C36)	ND	50.0		1	01/05/23	01/06/23	
Surrogate: n-Nonane		97.5 %	50-200		01/05/23	01/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: KL		Batch: 2301046
Chloride	382	20.0		1	01/06/23	01/06/23	



Devon Energy - Carlsbad Project Name: Ross Draw Unit #075H Reported:
6488 7 Rivers Hwy Project Number: 01058-0007
Artesia NM, 88210 Project Manager: Ashley Giovengo 1/10/2023 9:09:54AM

0400 / Kiveis iiwy		1 Toject Tullioci.	. 01	.030 0007								
Artesia NM, 88210		Project Manager	:: As	shley Gioveng	go			1/1	0/2023 9:09:54AN			
	V	Volatile Organic Compounds by EPA 8260B							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 (2301038-BLK1)							Prepared: 0	1/05/23 Anal	yzed: 01/06/23			
Benzene	ND	0.0250										
Ethylbenzene	ND	0.0250										
Toluene	ND	0.0250										
o-Xylene	ND	0.0250										
p,m-Xylene	ND	0.0500										
Total Xylenes	ND	0.0250										
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130						
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130						
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130						
LCS (2301038-BS1)							Prepared: 0	1/05/23 Anal	yzed: 01/06/23			
Benzene	2.60	0.0250	2.50		104	70-130						
Ethylbenzene	2.52	0.0250	2.50		101	70-130						
Toluene	2.52	0.0250	2.50		101	70-130						
o-Xylene	2.63	0.0250	2.50		105	70-130						
p,m-Xylene	5.04	0.0500	5.00		101	70-130						
Total Xylenes	7.67	0.0250	7.50		102	70-130						
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130						
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130						
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130						
LCS Dup (2301038-BSD1)							Prepared: 0	1/05/23 Anal	yzed: 01/06/23			
Benzene	2.67	0.0250	2.50		107	70-130	2.49	23				
Ethylbenzene	2.59	0.0250	2.50		104	70-130	2.90	27				
Toluene	2.62	0.0250	2.50		105	70-130	3.89	24				
o-Xylene	2.70	0.0250	2.50		108	70-130	2.85	27				
p,m-Xylene	5.22	0.0500	5.00		104	70-130	3.43	27				
Total Xylenes	7.92	0.0250	7.50		106	70-130	3.23	27				
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130						
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130						

0.500

70-130

Surrogate: Toluene-d8

0.496

Devon Energy - CarlsbadProject Name:Ross Draw Unit #075HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo1/10/20239:09:54AM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

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 (2301038-BLK1)						Prepared: 01	/05/23 Ar	nalyzed: 01/06/23
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.489		0.500	97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500	97.7	70-130			
Surrogate: Toluene-d8	0.492		0.500	98.4	70-130			
LCS (2301038-BS2)						Prepared: 01	/05/23 Ar	nalyzed: 01/06/23
Gasoline Range Organics (C6-C10)	57.0	20.0	50.0	114	70-130			
Surrogate: Bromofluorobenzene	0.486		0.500	97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500	101	70-130			
Surrogate: Toluene-d8	0.495		0.500	98.9	70-130			
LCS Dup (2301038-BSD2)						Prepared: 01	/05/23 Ar	nalyzed: 01/06/23
Gasoline Range Organics (C6-C10)	64.2	20.0	50.0	128	70-130	11.9	20	
Surrogate: Bromofluorobenzene	0.494		0.500	98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500	96.4	70-130			
Surrogate: Toluene-d8	0.500		0.500	99.9	70-130			



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/10/2023 9:09:54AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				1/10/2023 9:09:54AM	
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: JL	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2301040-BLK1)							Prepared: 0	1/05/23 A	Analyzed: 01/06/23	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	49.5		50.0		99.0	50-200				
LCS (2301040-BS1)							Prepared: 0	1/05/23 A	Analyzed: 01/06/23	
Diesel Range Organics (C10-C28)	234	25.0	250		93.6	38-132				
Surrogate: n-Nonane	50.0		50.0		100	50-200				
Matrix Spike (2301040-MS1)				Source:	E301010-	25	Prepared: 0	1/05/23 A	Analyzed: 01/06/23	
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.6	38-132				
Surrogate: n-Nonane	46.8		50.0		93.5	50-200				
Matrix Spike Dup (2301040-MSD1)				Source:	E301010-	25	Prepared: 0	1/05/23 A	Analyzed: 01/06/23	
Diesel Range Organics (C10-C28)	247	25.0	250	ND	99.0	38-132	2.44	20		
Surrogate: n-Nonane	49.8		50.0		99.6	50-200				

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	(Ross Draw Unit 01058-0007 Ashley Giovens					Reported: 1/10/2023 9:09:54AM
		Anions	by EPA	300.0/9056	<u> </u>				Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2301046-BLK1)							Prepared: 0	1/06/23 A	nalyzed: 01/06/23
Chloride	ND	20.0							
LCS (2301046-BS1)							Prepared: 0	1/06/23 A	nalyzed: 01/06/23
Chloride	274	20.0	250		110	90-110			
Matrix Spike (2301046-MS1)				Source:	E301012-	21	Prepared: 0	1/06/23 A	nalyzed: 01/06/23
Chloride	1150	20.0	250	885	106	80-120			
Matrix Spike Dup (2301046-MSD1)				Source:	E301012-	21	Prepared: 0	1/06/23 A	nalyzed: 01/06/23

250

20.0

885

95.6

80-120

2.21

20

1120

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/10/23 09:09

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



ent: De Var Energy oject: PDV # 0794 Attention: Sim Paley		Lab l			Jse O	Jse Only			TAT				EPA Program			
oject Manager: ASh (4) Ginvenso Address: 5315 busine	Vista Dr.	Lab E 3	wo#	13	01		-0007	1D	2D	3D X	Standard	CWA	SDW			
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		Ora-									1					
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Time Date Matrix No. of Containers Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO	BTEX by 8021	Metals 6010	Chloride 300.0		верос	ВСБОС			Remarks				
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litional Instructions: Vept on ice, please cc cole. bu nd jim. raley as dvn. com	rton, as	shle	4.5	5:6V	eng	0,	israe	-1.	es	rell	adwe	s com	nc			
of time of collection is considered fraud and may be grounds for legal action. Sampled by:	islabelling the sample	lling the sample location,					packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.									
Relinquished by: (Signature) Date Ol 05/23 Received by: (Signature) Received by: (Signature) Time Received by: (Signature)		23	Time													
While Gyrale 01-0523 1700 8	Date 1-5-2 Para 116/2	3	102 %	200	<u>T1</u>			<u>T2</u>			<u></u>					
Date Time Received by: (Signature) 1-5-23 2245 Cellection	te 1/6/2	23	7:1	15	AV	G Ter	np°c 4									

Printed: 1/6/2023 8:07:52AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	01/06/23	07:15		Work Order ID:	E301013
Phone:	(505) 382-1211	Date Logged In:	01/05/23	15:08		Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:		17:00 (2 day TAT)		88	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: Co	ourier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in					Comments	s/Resolution
Cample T	i.e, 15 minute hold time, are not included in this disucssic	on.		Г			
	Coc indicate standard TAT, or Expedited TAT?		Yes				
	•		103				
Sample C	cample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?						
			Yes				
	custody/security seals present?		No				
•	were custody/security seals intact?		NA				
12. Was th	e 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 v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	<u>Container</u>						
	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are no	on-VOC samples collected in the correct containers'	?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab	<u>oel</u>						
20. Were	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	_			
_	ollectors name?		No				
	<u>Preservation</u> the COC or field labels indicate the samples were pr	osomiod?	No				
	ample(s) correctly preserved?	escived:	No NA				
	filteration required and/or requested for dissolved m	netals?	No				
	i i	iours.	110				
•	se Sample Matrix	9	3.7				
	the sample have more than one phase, i.e., multipha		No				
	does the COC specify which phase(s) is to be analy	/zeu:	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	~	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab:	NA		
Client Ir	<u>istruction</u>						

Date

Project Information

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Ross Draw unit #075H Cc 1/9/23															
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Project: Project Manager: Ashley Giovenso Address: 5315 Suena Vi		Lab	WO#			Job N			1	D 2	2D	3D	Standard	CWA	SDWA
Address: 724 Standel pe Rd City, State, Zip Carls bad, Nm	sta Dr.	ES	OIC	<u> </u>				-000				X	I de la constantina del constantina de la constantina del constantina de la constant		
Address: 1724 Standel pe Rd City, State, Zip Carls bad, Am Phone: 575-689-7597	18060	P				Analy	sis ar	d Meth	100	- 1	- 1				RCRA
Phone: 605 - 282 - 1711	-	-010	In In		- 7									State	
Phone: 505-382-121) Email: ashley.giovengodwescomine.com Email: jim.raleyaddyn.	com	by 8015	801	-			0				-		NM CO		TX
Report due by:		O by	O by	802	3260	010	300			NM	*		×	O I I I I	
Time Date Sampled Matrix No. of Containers Sample ID	Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			верос	BGDOC			Remarks	
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date of time of collection is considered fraud and may be grounds for legal action. Sampled by:						packed	in ice a	t an avg te	mp ab	ove 0 b	ut less	than 6°	C on subsequent day	rs,	
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Relinquiched by: (Signature) Date Dime Recoived by: (Signature) Midwell Gyrale 01-05-23 1700 Recoived by: (Signature)	1-5-Z	3	Time 10	po	,	T1			I	2			T3		
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horing his 1-3-25 (Chilleethan	11012							p°C_							
Sample Matrix Solid, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Container														
samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory									nent	expe	ise.	ine re	port for the ana	lysis of the	above
		A STATE OF THE STA	-		-	-	The Party of the P		late in the	_	-	-			



Received by OCD: 11/16/2023 8:25:57 AM

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: Ross Draw Unit #075H - 11.14.22

Spill

Work Order: E212028

Job Number: 01058-0007

Received: 12/5/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/8/22

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. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/8/22

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Ross Draw Unit #075H - 11.14.22 Spill

Workorder: E212028

Date Received: 12/5/2022 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/5/2022 8:15:00AM, under the Project Name: Ross Draw Unit #075H - 11.14.22 Spill.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #075H - 11.14.22 Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Γ	Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.14.22 Spill	Reported:	ĺ
ı	6488 7 Rivers Hwy	Project Number:	01058-0007	Reporteu.	
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/08/22 16:32	ĺ

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CONF03 - 1'	E212028-01A	Soil	11/30/22	12/05/22	Glass Jar, 4 oz.



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.14.22 Spill	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/8/2022 4:32:49PM

CONF03 - 1' E212028-01

		E212028-01				
	D 1	Reporting	D.1:	D 1		N.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2250019
Benzene	ND	0.0250	1	12/05/22	12/07/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/07/22	
Toluene	ND	0.0250	1	12/05/22	12/07/22	
o-Xylene	ND	0.0250	1	12/05/22	12/07/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/07/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/07/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2250019
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	12/05/22	12/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2250052
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/22	12/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/22	12/08/22	
Surrogate: n-Nonane		124 %	50-200	12/07/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2250048
Chloride	358	20.0	1	12/07/22	12/08/22	



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

QC Summary Data

Devon Energy - Carlsbad Ross Draw Unit #075H - 11.14.22 Spill Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 12/8/2022 4:32:49PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2250019-BLK1) Prepared: 12/05/22 Analyzed: 12/06/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.45 8.00 106 70-130 LCS (2250019-BS1) Prepared: 12/05/22 Analyzed: 12/06/22 4.92 5.00 98.5 70-130 0.0250 Benzene Ethylbenzene 5.08 0.0250 5.00 102 70-130 70-130 5.16 0.0250 5.00 103 Toluene 5.23 105 o-Xylene 0.0250 5.00 70-130 10.3 10.0 103 70-130 0.0500 p.m-Xvlene 104 70-130 15.5 0.0250 15.0 Total Xylenes 8.00 107 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.54 Source: E212027-02 Matrix Spike (2250019-MS1) Prepared: 12/05/22 Analyzed: 12/07/22 Benzene 4.65 0.0250 5.00 0.0494 54-133

15.2	0.0250	15.0	3.01	81.6	63-131		
8.78		8.00		110	70-130		
			Source:	E212027-	02	Prepared: 12	2/05/22 Analyzed: 12/07/22
4.80	0.0250	5.00	0.0494	95.0	54-133	3.18	20
5.14	0.0250	5.00	0.338	96.1	61-133	4.53	20
5.09	0.0250	5.00	0.133	99.1	61-130	3.93	20
5.44	0.0250	5.00	0.976	89.3	63-131	5.82	20
10.7	0.0500	10.0	2.03	86.9	63-131	5.90	20
16.2	0.0250	15.0	3.01	87.7	63-131	5.87	20
8.80		8.00		110	70-130		
	4.80 5.14 5.09 5.44 10.7 16.2	4.80 0.0250 5.14 0.0250 5.09 0.0250 5.44 0.0250 10.7 0.0500 16.2 0.0250	4.80 0.0250 5.00 5.14 0.0250 5.00 5.09 0.0250 5.00 5.44 0.0250 5.00 10.7 0.0500 10.0 16.2 0.0250 15.0	8.78 8.00 Source: 4.80 0.0250 5.00 0.0494 5.14 0.0250 5.00 0.338 5.09 0.0250 5.00 0.133 5.44 0.0250 5.00 0.976 10.7 0.0500 10.0 2.03 16.2 0.0250 15.0 3.01	8.78 8.00 110 Source: E212027-1 4.80 0.0250 5.00 0.0494 95.0 5.14 0.0250 5.00 0.338 96.1 5.09 0.0250 5.00 0.133 99.1 5.44 0.0250 5.00 0.976 89.3 10.7 0.0500 10.0 2.03 86.9 16.2 0.0250 15.0 3.01 87.7	8.78 8.00 110 70-130 Source: E212027-02 4.80 0.0250 5.00 0.0494 95.0 54-133 5.14 0.0250 5.00 0.338 96.1 61-133 5.09 0.0250 5.00 0.133 99.1 61-130 5.44 0.0250 5.00 0.976 89.3 63-131 10.7 0.0500 10.0 2.03 86.9 63-131 16.2 0.0250 15.0 3.01 87.7 63-131	8.78 Source: E212027-02 Prepared: 1. 4.80 0.0250 5.00 0.0494 95.0 54-133 3.18 5.14 0.0250 5.00 0.338 96.1 61-133 4.53 5.09 0.0250 5.00 0.133 99.1 61-130 3.93 5.44 0.0250 5.00 0.976 89.3 63-131 5.82 10.7 0.0500 10.0 2.03 86.9 63-131 5.90 16.2 0.0250 15.0 3.01 87.7 63-131 5.87

5.00

5.00

5.00

10.0

4.91

4.89

5.13

10.1

0.0250

0.0250

0.0250

0.0500

0.338

0.133

0.976

2.03

91.5

95.2

83.1

80.8

61-133

61-130

63-131

63-131

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.14.22 Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/8/2022 4:32:49PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			12/	8/2022 4:32:49PM
Nonhalogenated Organics by EPA 8015D - GRO									Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2250019-BLK1)							Prepared: 1	2/05/22 Analy	yzed: 12/06/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
LCS (2250019-BS2)							Prepared: 1	2/05/22 Analy	yzed: 12/06/22
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
Matrix Spike (2250019-MS2)				Source:	E212027-	02	Prepared: 1	2/05/22 Analy	yzed: 12/07/22
Gasoline Range Organics (C6-C10)	71.1	20.0	50.0	71.9	NR	70-130			M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
Matrix Spike Dup (2250019-MSD2)				Source:	E212027-	02	Prepared: 1	2/05/22 Analy	yzed: 12/07/22
Gasoline Range Organics (C6-C10)	82.6	20.0	50.0	71.9	21.4	70-130	14.9	20	M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83	·	8.00		97.9	70-130			

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.14.22 Spill	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/8/2022 4:32:49PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				12/8/2022 4:32:49PN
	Nonhal	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2250052-BLK1)							Prepared: 1	2/07/22 A	nalyzed: 12/08/22
iesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	66.7		50.0		133	50-200			
CS (2250052-BS1)							Prepared: 1	2/07/22 A	nalyzed: 12/08/22
riesel Range Organics (C10-C28)	225	25.0	250		90.2	38-132			
urrogate: n-Nonane	61.7		50.0		123	50-200			
Aatrix Spike (2250052-MS1)				Source:	E212025-	02	Prepared: 1	2/07/22 A	nalyzed: 12/08/22
riesel Range Organics (C10-C28)	393	25.0	250	173	88.1	38-132			
urrogate: n-Nonane	63.7		50.0		127	50-200			
Matrix Spike Dup (2250052-MSD1)				Source:	E212025-0	02	Prepared: 1	2/07/22 A	nalyzed: 12/08/22
riesel Range Organics (C10-C28)	412	25.0	250	173	95.8	38-132	4.79	20	
urrogate: n-Nonane	63.2		50.0		126	50-200			



Chloride

Chloride

Matrix Spike Dup (2250048-MSD1)

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number		Ross Draw Uni 01058-0007	t #075H -	11.14.22 \$	Spill		Reported:
Artesia NM, 88210		Project Manager		Ashley Gioveng	go			1	2/8/2022 4:32:49PM
		Anions	by EPA	300.0/9056	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits		RPD Limit	N.
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2250048-BLK1)							Prepared: 1	2/07/22 An	alyzed: 12/08/22
Chloride	ND	20.0							
LCS (2250048-BS1)							Prepared: 1	2/07/22 An	alyzed: 12/08/22
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2250048-MS1)				Source:	E212028-	01	Prepared: 1	2/07/22 An	alyzed: 12/08/22

250

250

20.0

20.0

358

358

96.1

89.9

Source: E212028-01

80-120

80-120

2.62

Prepared: 12/07/22 Analyzed: 12/08/22

20

599

583

QC Summary Report Comment:

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



Definitions and Notes

ſ	Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H - 11.14.22 Spill	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/08/22 16:32

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project Ir	formation					Cha	in of Custody												F	age <u></u>	_ of 1
Project: Project N	Devon Ross Draw Manager: A 1224 Sta	shley Gio	vengo	4.22 5p <u>1</u>	Add	Bill To ention: Jim Raley Iress: 5315 Buena Vista Dr y State, Zip: Calsbad, NM 88	220	Lab	wo# 120	45°		Olos Olos	lumk 58-	per OCVII	10	20		AT St	andard x	EPA P CWA	SDWA RCRA
City, Stat	e, Zip: Carl 505-382- ashley.giov	sbad, NN 1211	1 88220	.com	Pho	ne: 575-689-7597 ail: jim.raley@dvn.com		DRO/ORO by 8015	GRO/DRO by 8015	, 8021					S					State UT AZ	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample IC)		Lab Number	ORO/OF	sro/DF	ВТЕХ by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC				Remarks	
10:26	11/30/22	Soil	1 Jar		(CONF03 - 1'		_				-			×						
																+-			·		
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israel.es	al Instructi trella@wes	ominc.co	m			@wescominc.com, shar.har				, jim											
date or time	of collection is	considered f	raud and ma	y be grounds	for legal action.	Sampled by:			<u></u>			packed i	n ice at	an avg to	mp abov	e 0 but	less than	6°C on	subsequent da	ys.	ed or received
Mon	ed by: (Signati	NO ROCK	9 20 20	022	10:122	Received by: (Signature)	Date 12-02-	22_	Time	.12		Recei	ived	on ice		Lab I Y)/	Jse Or N	ily			
Relinguish	ed by: (Signati	ure)	Date	1-3-22	Time 1800	Received by Bignarane	Date 12/5/	,	Time S.		- 1	T1			S (SE	4	el Ville. Evil den		T3.		
	ed by: (Signati	ur é)	Date		Time	Received by: (Signature)	Date		Time			14 A	Tem	p [®] G	4						
	rix: S - Soil, S d -						Containe				p - pc	iy/pla	stic,	ag - an	nber gl				ssect _ = \$10 ⁶⁵ / ₆		- party (5) - 5
Note: Sam samples is	ples are discar applicable on	rded 30 day ly to those :	s after resu samples rec	ilts are repor	rted unless other e laboratory with	arrangements are made. Hazardo this COC. The liability of the laborat	us samples will be tory is limited to t	e retur he am	ned to ount p	client aid fo	t or di r on t	sposed he rep	d of at ort.	the cli	ent exp	ense.	The re	port fo	or the analy	sis of the al	oove



Printed: 12/5/2022 12:33:24PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	12/05/22 08	B:15		Work Order ID:	E212028
Phone:	(505) 382-1211	Date Logged In:	12/05/22 09	9:23		Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	12/09/22 17	7:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	'ourier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	currer. <u>c</u>	<u> </u>		
	Il samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic			,		Comment	s/Resolution
	Furn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		White out p	oresent on Co	OC when received.
Sample (<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	Container_						
	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containers?)	Yes				
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Lal	<u>pel</u>						
	field sample labels filled out with the minimum info	rmation:	• •				
	ample ID? ate/Time Collected?		Yes				
	ollectors name?		Yes No				
	reservation		110				
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborator	ry?	No				
	subcontract laboratory specified by the client and if	-		Subcontract Lab	o: na		
	struction						
							0

Date

Report to:
Ashley Giovengo



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: Ross Draw Unit #075H

Work Order: E212132

Job Number: 21022-0001

Received: 12/23/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/29/22

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. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/29/22

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Ross Draw Unit #075H

Workorder: E212132

Date Received: 12/23/2022 11:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/23/2022 11:30:00AM, under the Project Name: Ross Draw Unit #075H.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #075H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

_				
Γ	Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	Reported:
١	6488 7 Rivers Hwy	Project Number:	21022-0001	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/29/22 11:06

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
CONF01 - 0'	E212132-01A Soil	12/22/22	12/23/22	Glass Jar, 2 oz.
CONF02 - 0'	E212132-02A Soil	12/22/22	12/23/22	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
6488 7 Rivers Hwy	Project Number:	21022-0001	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/29/2022 11:06:32AM

CONF01 - 0' E212132-01

		E212132-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2252062
Benzene	ND	0.0250	1	12/23/22	12/23/22	Buten: 2202002
Ethylbenzene	ND	0.0250	1	12/23/22	12/23/22	
Toluene	ND	0.0250	1	12/23/22	12/23/22	
o-Xylene	ND	0.0250	1	12/23/22	12/23/22	
p,m-Xylene	ND	0.0500	1	12/23/22	12/23/22	
Total Xylenes	ND	0.0250	1	12/23/22	12/23/22	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	12/23/22	12/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2252062
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/23/22	12/23/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	12/23/22	12/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2253013
Diesel Range Organics (C10-C28)	ND	25.0	1	12/28/22	12/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/28/22	12/28/22	
Surrogate: n-Nonane		97.3 %	50-200	12/28/22	12/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2252061
Chloride	2800	40.0	2	12/23/22	12/27/22	



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
6488 7 Rivers Hwy	Project Number:	21022-0001	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/29/2022 11:06:32AM

CONF02 - 0' E212132-02

		E212132-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2252062
Benzene	ND	0.0250	1	12/23/22	12/23/22	
Ethylbenzene	ND	0.0250	1	12/23/22	12/23/22	
Toluene	ND	0.0250	1	12/23/22	12/23/22	
o-Xylene	ND	0.0250	1	12/23/22	12/23/22	
o,m-Xylene	ND	0.0500	1	12/23/22	12/23/22	
Total Xylenes	ND	0.0250	1	12/23/22	12/23/22	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	12/23/22	12/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2252062
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/23/22	12/23/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	12/23/22	12/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2253013
Diesel Range Organics (C10-C28)	ND	25.0	1	12/28/22	12/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/28/22	12/28/22	
Surrogate: n-Nonane		76.0 %	50-200	12/28/22	12/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2252061
Chloride	835	20.0	1	12/23/22	12/27/22	



Devon Energy - Carlsbad Ross Draw Unit #075H Project Name: Reported: 6488 7 Rivers Hwy Project Number: 21022-0001 Artesia NM, 88210 Project Manager: Ashley Giovengo 12/29/2022 11:06:32AM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2252062-BLK1) Prepared: 12/23/22 Analyzed: 12/23/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.76 8.00 97.0 70-130 LCS (2252062-BS1) Prepared: 12/23/22 Analyzed: 12/23/22 3.68 73.6 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.11 0.0250 5.00 82.3 70-130 4.10 0.0250 5.00 81.9 70-130 Toluene o-Xylene 4.27 0.0250 5.00 85.4 70-130 8.37 10.0 83.7 70-130 0.0500 p.m-Xvlene 84.3 70-130 12.6 15.0 Total Xylenes 0.0250 8.00 96.8 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.74 Matrix Spike (2252062-MS1) Source: E212130-01 Prepared: 12/23/22 Analyzed: 12/27/22 4.67 0.0250 5.00 ND 93.4 54-133 Benzene ND 101 61-133 Ethylbenzene 5.03 0.0250 5.00 Toluene 5.10 0.0250 5.00 ND 102 61-130 5.20 ND 104 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.2 0.0500 10.0 ND 102 63-131 15.4 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.92 8.00 Matrix Spike Dup (2252062-MSD1) Source: E212130-01 Prepared: 12/23/22 Analyzed: 12/27/22 4.58 0.0250 5.00 ND 91.6 54-133 1.93 20 ND 61-133 1.41 4.96 0.0250 5.00 99.3 20 Ethylbenzene 61-130 Toluene 4 98 0.0250 5.00 ND 99 7 2 24 20 5.11 5.00 ND 102 63-131 1.76 20 o-Xylene 0.0250 10.1 10.0 ND 101 63-131 1.62 20 p,m-Xylene 0.0500 Total Xylenes 15.2 0.0250 15.0 ND 101 63-131 1.67 20

8.00

99.7

70-130



Surrogate: 4-Bromochlorobenzene-PID

7.97

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Ross Draw Unit #075H 21022-0001	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/29/2022 11:06:32AM

Artesia NM, 88210		Project Manage	r: As	shley Gioven	go				12/29/2022 11:06:32AN
	Noi	nhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2252062-BLK1)							Prepared: 12	2/23/22 A	Analyzed: 12/23/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			
LCS (2252062-BS2)							Prepared: 12	2/23/22 A	Analyzed: 12/24/22
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.1	70-130			
Matrix Spike (2252062-MS2)				Source:	E212130-	01	Prepared: 12	2/23/22 A	Analyzed: 12/24/22
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			
Matrix Spike Dup (2252062-MSD2)				Source:	E212130-	01	Prepared: 12	2/23/22 A	Analyzed: 12/24/22
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.4	70-130	0.0714	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Ross Draw Unit #075H 21022-0001	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/29/2022 11:06:32AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				12/29/2022 11:06:32AN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	:
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2253013-BLK1)							Prepared:	12/28/22	Analyzed: 12/28/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.7		50.0		107	50-200			
LCS (2253013-BS1)							Prepared:	12/28/22	Analyzed: 12/28/22
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	49.3		50.0		98.6	50-200			
Matrix Spike (2253013-MS1)				Source:	E212136-	01	Prepared:	12/28/22	Analyzed: 12/28/22
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	49.5		50.0		99.0	50-200			
Matrix Spike Dup (2253013-MSD1)				Source:	E212136-	01	Prepared:	12/28/22	Analyzed: 12/28/22
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132	0.553	20	
Surrogate: n-Nonane	52.6		50.0		105	50-200			



QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		oss Draw Unit	t #075H				Reported:
Artesia NM, 88210		Project Manager:	: A	shley Gioveng	go				12/29/2022 11:06:32AM
		Anions	by EPA	300.0/9056	A				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 (2252061-BLK1)							Prepared:	12/23/22	Analyzed: 12/27/22
Chloride	ND	20.0							
LCS (2252061-BS1)							Prepared:	12/23/22	Analyzed: 12/27/22
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2252061-MS1)				Source:	E212130-0)1	Prepared:	12/23/22	Analyzed: 12/27/22
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2252061-MSD1)				Source:	E212130-0)1	Prepared:	12/23/22	Analyzed: 12/27/22
Chloride	263	20.0	250	ND	105	80-120	0.260	20	

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
6488 7 Rivers Hwy	Project Number:	21022-0001	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/29/22 11:06

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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: D	Devon Energy	1				Bill To	Lab Use Onl				ily		TAT EPA Pro			rogram				
Project:	Ross Draw L	Init #075	Н		Att	tention: Wescom Inc		Lab	WO#	ŧ		Job I		ber	1D	2D	3D	Standard	CWA	SDWA
Project N	Manager: As	hley Giov	rengo		Ad	dress: 1224 Standpipe Rd		E2	212	13	2	210	220	-0001		i C		х	1.	
Address:	1224 Stand	pipe Rd			Cit	y, State, Zip: Carlsbad, NM 8	8220					Analy	/sis a	nd Metho	d					RCRA
City, Stat	te, Zip: Carls	bad, NM	88220		Ph	one: 505-382-1211				-										
	505-382-121				Em	nail: ashley.giovengo@wesco	minc.com	115	115	1 3		l Y							State	
-	shley.gioven	go@wes	cominc.co	om				34 80	y 80	21	0	0	0.0		5			NM CO	UT AZ	TX
Report d	ue by:							NO F	30 b	/80	826	601	e 30		NM	×		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
10:02	12/22/22	Soil	1 Jar			CONF01 - 0'	1								х					
9:56	12/22/22	Soil	1 Jar			CONF02 - 0'	2								х					
Addition	al Instructio	ns: Von	t on ico	Planca CC:	cala hurtan	@wescominc.com, shar.harv	uostor@woss	mine		2006	lovi	giovo	200	Bwesse.	mine					
I, (field sam		e validity and	d authenticit	y of this sampl	e. I am aware th	at tampering with or intentionally misla Sampled by:				1, 031	ney.	Sample	es requi	ring thermal	oreserva	ation m	ust be rec	ceived on ice the day 5°C on subsequent d		ed or received
M	ed by: (Signatur	the	-	-22-22	Time 12:03	THE STATE OF THE S	Date (2-22	-22	Time 12	03		Rece	eived	I on ice:		ab U	lse On	ly		
mid		gels		2222	1530	Received by: (Signature)	L 12/2	be	Time	:3	0	T1			T2			<u>T3</u>		
Relinquish	ed by: (Signatu	re)	Date		Time	Received by: (Signature)	Date		Time			AVG	Ten	np°C	1					
	trix: S - Soil, Sd - S													, ag - amb						
						r arrangements are made. Hazardo								at the clier	t expe	ense.	The re	port for the ana	lysis of the	above
samples is	applicable only	to those sa	amples rece	eived by the	aboratory with	this COC. The liability of the labora	tory is limited to	the an	nount	paid f	or on	the re	port.							



envirotech¹³²

Printed: 12/23/2022 12:15:00PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

	Client:	Devon Energy - Carlsbad	Date Received:	12/23/22	11:30		Work Order ID:	E212132
Exhin of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC Yes 3. Were samples dropped off by elient for carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received writin bolding time? 5. Were all samples received writin bolding time? 6. Were all samples received writin bolding time? 7. Was a sample conder received? 8. Did the COC indicate standard TAT, or Expedited TAT? 8. Sample Cooler received? 8. Were sample conder received? 9. Was the sample conder received? 9. Was the sample conder received? 10. Were custody/security seals instant? 11. If yes, were custody/security seals instant? 12. Was the sample received in its or tequied, if samples are received wit 15 minutes of sampling 13. If no visible is, creard the temperature. Actual sample temperature: \$\frac{C}{2}\$\$ Sample Container 14. Are appease VOC samples collected in VOA Valas? 16. Is the head space less than 6.8 mm (pas sized or less)? 17. Was a trip blunk (TB) included for VOC analyses? 18. Are non-VOC samples collected in the orrect containers? 19. Were field sample labels filled out with the minimum information: 19. Were field sample labels filled out with the minimum information: 20. Were field sample labels filled out with the minimum information: 21. Does the COC or field labels indicate the samples were preserved? 22. Are samples (or crequired the greater) and the passes of the sample are required and the passes of the sample have more than one phase, i.e., multiphase? 23. Loos the COC or field labels indicate the samples were preserved? 24. Loos the COC or field labels indicate the samples were preserved? 25. Does the COC or field labels indicate the samples were preserved? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples expedient of get sent to a subcontract laboratory? 29. Was a subcontract laboratory specified by the	Phone:	(505) 382-1211	Date Logged In:	12/23/22	09:03		Logged In By:	Caitlin Christian
1. Does the sample ID match the COC? 2. Does the turnibor of samples per sampling site location match the COC 2. Does the turnibor of samples per sampling site location match the COC 3. Were amplisately received from the circle (i.e., signatures, dates/times, requested analyses) No 4. Was the COC complete, i.e., signatures, dates/times, requested analyses No 5. Were all samples neceived within holding intered Yes 6. Note: Analysis, such as pH which should be conducted in the field, i.e. 15 minus hold times, are not included in this discession.	Email:	ashley.giovengo@wescominc.com	Due Date:	01/02/23	17:00 (4 day TAT)			
2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? 5. Were all samples received within holding time? 5. Were fall samples received within holding time? 7. Was a sample and Timer TAT1 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 7. Was a sample cooler received? 7. Was a sample specified intact, i.e., not broken? 7. Was a sample received in good condition? 7. Was the sample for custody/security seals intact? 7. Was the sample received on iged intact, i.e., not broken? 7. Was the sample received on iged intact, i.e., not broken? 7. Was the sample received on iged if lyes, the recorded temp is 4°C, i.e., 6°=2°C 7. Was the sample received on iged if lyes, the recorded temp is 4°C, i.e., 6°=2°C 7. Wote: Thermal preservation is not required, if samples are received wit 15 minutes of sampling 7. If no visible ice, record the temperature. 7. Actual sample temperature. 7. Was the sample received on iced if lyes, the recorded temp is 4°C, i.e., 6°=2°C 7. Note: Thermal preservation is not required, if samples are received wit 15 minutes of sampling 7. If no visible ice, record the temperature. 8. Actual sample temperature. 8. Actual sample received on iced if lyes, the recorded temp is 4°C, i.e., 6°=2°C 8. Note: Thermal preservation is not required. 8. Are non-VOC samples collected in VoA Vials? 8. Are non-VOC samples collected in VoA Vials? 9. Is the appropriate volume/weight or number of sample containers? 9. Is the appropriate volume/weight or number of sample containers? 9. Is the appropriate volume/weight or number of sample containers collected? 9. Vere field sample labels filled out with the minimum information: 8. Sample Preservation 9. Local Content of the correct containers of the correct containers of the correct containers of the correct conta	Chain of	f Custody (COC)						
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26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na	24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
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			~		G 1			
Client Instruction	29. was	a subcontract laboratory specified by the chent and if	so wno?	NA	Subcontract Lab	o: na		
	Client I	<u>nstruction</u>						

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: Ross Draw Unit #075H

Work Order: E309147

Job Number: 01058-0007

Received: 9/21/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/25/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/25/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Ross Draw Unit #075H

Workorder: E309147

Date Received: 9/21/2023 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/21/2023 8:15:00AM, under the Project Name: Ross Draw Unit #075H.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #075H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/25/23 12:42

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS08 - 0.5'	E309147-01A Soil	09/20/23	09/21/23	Glass Jar, 2 oz.
SS09 - 0.5'	E309147-02A Soil	09/20/23	09/21/23	Glass Jar, 2 oz.
SS10 - 0.5'	E309147-03A Soil	09/20/23	09/21/23	Glass Jar, 2 oz.
SS11 - 0.5'	E309147-04A Soil	09/20/23	09/21/23	Glass Jar. 2 oz.



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/25/2023 12:42:13PM

SS08 - 0.5' E309147-01

		E309147-01	01			
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Thatyee	resuit	- Emili	Bilation	Теригеа	7 Hary Zea	Trotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2338070
Benzene	ND	0.0250	1	09/21/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/21/23	09/21/23	
Toluene	ND	0.0250	1	09/21/23	09/21/23	
o-Xylene	ND	0.0250	1	09/21/23	09/21/23	
p,m-Xylene	ND	0.0500	1	09/21/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/21/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	09/21/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2338070
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/21/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	09/21/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2338077
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		95.1 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2338078
Chloride	ND	20.0	1	09/21/23	09/22/23	



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/25/2023 12:42:13PM

SS09 - 0.5'

		E309147-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2338070
Benzene	ND	0.0250	1 09/21/23		09/21/23	
Ethylbenzene	ND	0.0250	1	09/21/23	09/21/23	
Toluene	ND	0.0250	1	09/21/23	09/21/23	
o-Xylene	ND	0.0250	1	09/21/23	09/21/23	
p,m-Xylene	ND	0.0500	1	09/21/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/21/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	09/21/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2338070
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/21/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	09/21/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2338077
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		89.2 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2338078
Chloride	25.0	20.0	1	09/21/23	09/22/23	



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/25/2023 12:42:13PM

SS10 - 0.5'

		E309147-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2338070
Benzene	ND	0.0250	1	09/21/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/21/23	09/21/23	
Toluene	ND	0.0250	1	09/21/23	09/21/23	
o-Xylene	ND	0.0250	1	09/21/23	09/21/23	
p,m-Xylene	ND	0.0500	1	09/21/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/21/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	09/21/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2338070
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/21/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	09/21/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2338077
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		97.1 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2338078
Chloride	ND	20.0	1	09/21/23	09/22/23	



Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/25/2023 12:42:13PM

SS11 - 0.5' E309147-04

Batch: 2338070	Analyzed	Prepared	ilution		Reporting		
9/21/23				Di	Limit	Result	Analyte
		IY	Analyst: I		mg/kg	mg/kg	Volatile Organics by EPA 8021B
0/21/22	09/21/23	09/21/23	1		0.0250	ND	Benzene
9/21/23	09/21/23	09/21/23	1		0.0250	ND	Ethylbenzene
9/21/23	09/21/23	09/21/23	1		0.0250	ND	Coluene
9/21/23	09/21/23	09/21/23	1		0.0250	ND	-Xylene
9/21/23	09/21/23	09/21/23	1		0.0500	ND	,m-Xylene
9/21/23	09/21/23	09/21/23	1		0.0250	ND	Total Xylenes
9/21/23	09/21/23	09/21/23		70-130	94.9 %		urrogate: 4-Bromochlorobenzene-PID
Batch: 2338070		IY	Analyst: I		mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - GRO
9/21/23	09/21/23	09/21/23	1		20.0	ND	Gasoline Range Organics (C6-C10)
9/21/23	09/21/23	09/21/23		70-130	95.9 %		urrogate: 1-Chloro-4-fluorobenzene-FID
Batch: 2338077		JL	Analyst: J		mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - DRO/ORO
9/22/23	09/22/23	09/21/23	1		25.0	ND	Diesel Range Organics (C10-C28)
9/22/23	09/22/23	09/21/23	1		50.0	ND	Dil Range Organics (C28-C36)
9/22/23	09/22/23	09/21/23		50-200	96.0 %		urrogate: n-Nonane
Batch: 2338078		RAS	Analyst: F		mg/kg	mg/kg	Anions by EPA 300.0/9056A
9/22/23	09/22/23	09/21/23	1		20.0	ND	Chloride
99	09 09 09 09 09 09	09/21/23 09/21/23 1Y 09/21/23 IY 09/21/23 09/21/23 JL 09/21/23 09/21/23 RAS	Analyst: J	70-130	0.0500 0.0250 94.9 % mg/kg 20.0 95.9 % mg/kg 25.0 50.0 96.0 % mg/kg	ND mg/kg ND mg/kg ND mg/kg	Cotal Xylenes Cotal Xylenes Cotal Xylenes Cotal Xylenes Coronal Sylenes Cotal Xylenes Cota



Devon Energy - Carlsbad Ross Draw Unit #075H Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 9/25/2023 12:42:13PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2338070-BLK1) Prepared: 09/21/23 Analyzed: 09/22/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.61 8.00 95.2 70-130 LCS (2338070-BS1) Prepared: 09/21/23 Analyzed: 09/21/23 5.05 5.00 101 70-130 Benzene 0.0250 Ethylbenzene 4.97 0.0250 5.00 99.4 70-130 5.03 0.0250 5.00 101 70-130 Toluene o-Xylene 4.98 0.0250 5.00 99.6 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 101 70-130 15.1 15.0 Total Xylenes 0.0250 8.00 94.4 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.55 Matrix Spike (2338070-MS1) Source: E309147-02 Prepared: 09/21/23 Analyzed: 09/21/23 5.16 0.0250 5.00 ND 54-133 Benzene ND 102 61-133 Ethylbenzene 5.08 0.0250 5.00 Toluene 5.14 0.0250 5.00 ND 103 61-130 ND 102 63-131 5.10 5.00 0.0250 o-Xylene p,m-Xylene 10.3 0.0500 10.0 ND 103 63-131 15.4 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.56 8.00 Matrix Spike Dup (2338070-MSD1) Source: E309147-02 Prepared: 09/21/23 Analyzed: 09/21/23 5.11 0.0250 5.00 ND 102 54-133 1.13 20 ND 61-133 5.02 0.0250 5.00 100 1.16 20 Ethylbenzene 61-130 Toluene 5.08 0.0250 5.00 ND 102 1.05 20 5.04 5.00 ND 101 63-131 1.24 20 o-Xylene 0.0250 10.2 10.0 ND 102 63-131 1.31 20 p,m-Xylene 0.0500



15.2

7.54

0.0250

15.0

8.00

ND

102

94.3

63-131

70-130

1.29

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/25/2023 12:42:13PM

Artesia NM, 88210		Project Manage		hley Gioveng	go			9/2	25/2023 12:42:13PN
	Non	halogenated	Organics l	y EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2338070-BLK1)							Prepared: 09	9/21/23 Ana	lyzed: 09/22/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		91.9	70-130			
LCS (2338070-BS2)							Prepared: 09	9/21/23 Ana	lyzed: 09/21/23
Gasoline Range Organics (C6-C10)	54.2	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			
Matrix Spike (2338070-MS2)				Source:	E309147-	02	Prepared: 09	9/21/23 Ana	lyzed: 09/21/23
Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			
Matrix Spike Dup (2338070-MSD2)				Source:	E309147-	02	Prepared: 09	9/21/23 Ana	lyzed: 09/21/23
Gasoline Range Organics (C6-C10)	55.9	20.0	50.0	ND	112	70-130	0.904	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/25/2023 12:42:13PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				9/25/2023 12:42:13PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2338077-BLK1)							Prepared: 0	9/21/23 A	analyzed: 09/22/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.8	50-200			
LCS (2338077-BS1)							Prepared: 0	9/21/23 A	analyzed: 09/23/23
Diesel Range Organics (C10-C28)	283	25.0	250		113	38-132			
Surrogate: n-Nonane	59.2		50.0		118	50-200			
Matrix Spike (2338077-MS1)				Source:	E309141-	26	Prepared: 0	9/21/23 A	analyzed: 09/22/23
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	46.5		50.0		92.9	50-200			
Matrix Spike Dup (2338077-MSD1)				Source:	E309141-	26	Prepared: 0	9/21/23 A	analyzed: 09/22/23
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132	1.93	20	
Surrogate: n-Nonane	49.4		50.0		98.8	50-200			



Matrix Spike Dup (2338078-MSD1)

Chloride

334

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	: (Ross Draw Uni 01058-0007 Ashley Gioven				9/	Reported: 25/2023 12:42:13PM
		Anions	by EPA	300.0/9056	A				Analyst: RAS
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2338078-BLK1)							Prepared: 0	9/21/23 Ana	alyzed: 09/21/23
Chloride LCS (2338078-BS1)	ND	20.0					Prepared: 0	9/21/23 Ana	ılyzed: 09/21/23
Chloride	267	20.0	250		107	90-110			
Matrix Spike (2338078-MS1)				Source:	E309144-	01	Prepared: 0	9/21/23 Ana	lyzed: 09/21/23
Chloride	329	200	250	ND	131	80-120			M5

250

200

Source: E309144-01

134

80-120

1.64

ND

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.



Prepared: 09/21/23 Analyzed: 09/22/23

20

M5

Definitions and Notes

Γ	Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/25/23 12:42

M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The

accociated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



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lient: D	evon Energy					Bill To					Lal	o Use	Onl	у			TA	AT .	EPA P	rogram
roject:	Ross Draw	Unit #07	5H		Att	ention: Jim Raley			Lab V	NO#		J		lumber	1D	2D	3D	Standard	CWA	SDW
roject N	Manager: As	nley Giov	rengo		Ad	dress: 5315 Buena Vista D	r		E3	09	14	7 1	0/05	58.0007				X		
ddress:	3122 Nation	nal Parks	Hwy		Cit	y, State, Zip: Carlsbad NM	,88220		7				nalys	is and Metho	d					RCRA
ity, Stat	e, Zip: Carls	bad NM,	88220		Pho	one: (575)689-7597			1	þ										
hone: 5	575-988-005	5			Em	ail: jim.raley@dvn.com			1 2	080		- 12							State	
mail: a	giovengo@e	nsolum.c	om						3	RO/	17			0.0	ΣZ	1	×	NM CC	UT AZ	TX
eport d	ue by:								5	0/0	/ 807	826	6010	e 30				×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab ımber	l ldr	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC		GDOC		Remarks	
10:04	9/20/2023	Soil	1			SS08 - 0.5'		1							х					
10:07	9/20/2023	Soil	1			SS09 - 0.5'	2	2							Х					
10:10	9/20/2023	Soil	1			SS10 - 0.5'		3							х					
10:14	9/20/2023	Soil	1			SS11 - 0.5'	4	4							х					
10.18	9/20/2023	Soil	4			SS12 0.5'									×	-			AH	
ddition	al Instruction	ns: Plea	se CC: cl	burton@ensol	lum.com	, agiovengo@ensolum.co	m, jim.rale	y@dv	n.com	n, ch	amilt	on@	enso	olum.com						
				ty of this sample. I		hat tampering with or intentionally Sampled by: Cho	mislabelling th	ne sampl	le locatio	on,								ceived on ice the da ess than 6 °C on sub		oled or
eljnquishe	ed by: (Signatur		Date	/20/23 13 Time	:07	Received by: (Signature) Received by: (Signature)	L G.	e 20-0	23	Ime 13	07	-	Recei	ved on ice:		ab U	se On	ly		
,	ed by: (Signatur	luxel e)	Date	Time	00		50 9 Date	1-20:		[7	3	2	Т1		<u>T2</u>			<u>T3</u>		
do	10	usse	, 9.	20.23 2	Um	Callalla	u 9	1.21:	23	8	:15	- /	AVG	Temp °C	1					



envirotech environment envi

Printed: 9/21/2023 8:52:29AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

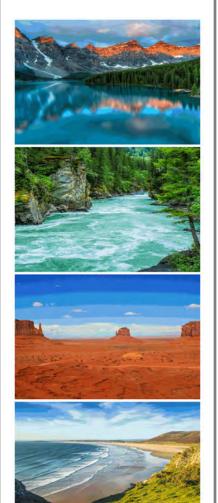
Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	09/21/23	08:15	Work Order ID:	E309147
Phone:	(505) 382-1211	Date Logged In:	09/20/23	14:38	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wescominc.com	Due Date:	09/27/23	17:00 (4 day TAT)		
Chain a	Custody (COC)					
			37			
	he sample ID match the COC? the number of samples per sampling site location man	tch the COC	Yes			
	samples dropped off by client or carrier?	ion inc coc	Yes Yes	Comion Cornion		
	ne COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	Carrier: <u>Courier</u>		
	all samples received within holding time?	sted analyses.	Yes			
J. WOIC	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		103		Comment	s/Resolution
	<u> Turn Around Time (TAT)</u>					
6. Did th	e 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	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>			
Sample	Container_					
	iqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers'	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	bel					
•	field sample labels filled out with the minimum info	ormation:				
5	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?	4-1-9	NA			
	o filteration required and/or requested for dissolved n	ietais?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcont	ract Laboratory					
	amples required to get sent to a subcontract laborato a subcontract laboratory specified by the client and it	•	No NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

Report to:
Ashley Giovengo



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: Ross Draw Unit #075H

Work Order: E309150

Job Number: 01058-0007

Received: 9/21/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/25/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/25/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Ross Draw Unit #075H

Workorder: E309150

Date Received: 9/21/2023 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/21/2023 8:15:00AM, under the Project Name: Ross Draw Unit #075H.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #075H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

_				
I	Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	Reported:
ı	6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu.
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/25/23 12:43

Client Sample ID	Lab Sample ID Mat	trix Sa	ampled 1	Received C	Container
SS12 - 0.5'	E309150-01A So	oil 0)9/20/23	09/21/23	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/25/2023 12:43:56PM

SS12 - 0.5' E309150-01

	E309130-01				
Recult			Prepared	Analyzed	Notes
Result	Limit	Dilution	Trepared	Maryzea	rotes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2338070
ND	0.0250	1	09/21/23	09/22/23	
ND	0.0250	1	09/21/23	09/22/23	
ND	0.0250	1	09/21/23	09/22/23	
ND	0.0250	1	09/21/23	09/22/23	
ND	0.0500	1	09/21/23	09/22/23	
ND	0.0250	1	09/21/23	09/22/23	
	96.0 %	70-130	09/21/23	09/22/23	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2338070
ND	20.0	1	09/21/23	09/22/23	
	95.8 %	70-130	09/21/23	09/22/23	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2338077
ND	25.0	1	09/21/23	09/22/23	
ND	50.0	1	09/21/23	09/22/23	
	86.7 %	50-200	09/21/23	09/22/23	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2338078
	ND Mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 96.0 % mg/kg ND 20.0 95.8 % mg/kg ND 25.0 ND 50.0 86.7 %	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 96.0 % 70-130 70-130 mg/kg mg/kg Anal ND 20.0 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 86.7 % 50-200	Reporting Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/21/23 ND 0.0250 1 09/21/23 ND 0.0250 1 09/21/23 ND 0.0250 1 09/21/23 ND 0.0500 1 09/21/23 ND 0.0250 1 09/21/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/21/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/21/23 ND 50.0 1 09/21/23 86.7 % 50-200 09/21/23	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/21/23 09/22/23 ND 0.0250 1 09/21/23 09/22/23 ND 0.0250 1 09/21/23 09/22/23 ND 0.0500 1 09/21/23 09/22/23 ND 0.0250 1 09/21/23 09/22/23 ND 0.0250 1 09/21/23 09/22/23 mg/kg mg/kg Analyst: IY ND 09/21/23 09/22/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/21/23 09/22/23 ND 25.0 1 09/21/23 09/22/23 ND 50.0 1 09/21/23 09/22/23 ND 50.0 1 09/21/23 09/22/23



		QC SI	umm	ary Dat	a					
Devon Energy - Carlsbad		Project Name:		Ross Draw Uni	t #075H				Reported:	
6488 7 Rivers Hwy		Project Number:		01058-0007				0/	25/2022 12.42.5 <i>C</i> DM	
Artesia NM, 88210		Project Manager:		Ashley Giovens	go			9/25/2023 12:43:56I		
		Volatile O	rganics	by EPA 802	21B				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 (2338070-BLK1)							Prepared: 0	9/21/23 Ana	alyzed: 09/22/23	
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	7.61		8.00		95.2	70-130				
LCS (2338070-BS1)							Prepared: 0	9/21/23 Ana	lyzed: 09/21/23	
Benzene	5.05	0.0250	5.00		101	70-130				
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130				
Toluene	5.03	0.0250	5.00		101	70-130				
o-Xylene	4.98	0.0250	5.00		99.6	70-130				
o,m-Xylene	10.1	0.0500	10.0		101	70-130				
Total Xylenes	15.1	0.0250	15.0		101	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130				
Matrix Spike (2338070-MS1)				Source:	E309147-	02	Prepared: 0	9/21/23 Ana	llyzed: 09/21/23	
Benzene	5.16	0.0250	5.00	ND	103	54-133				
Ethylbenzene	5.08	0.0250	5.00	ND	102	61-133				
Toluene	5.14	0.0250	5.00	ND	103	61-130				
p-Xylene	5.10	0.0250	5.00	ND	102	63-131				
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131				
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131				
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00	<u> </u>	94.5	70-130				
Matrix Spike Dup (2338070-MSD1)				Source:	E309147-	02	Prepared: 0	9/21/23 Ana	llyzed: 09/21/23	
Benzene	5.11	0.0250	5.00	ND	102	54-133	1.13	20		
Ethylbenzene	5.02	0.0250	5.00	ND	100	61-133	1.16	20		
Toluene	5.08	0.0250	5.00	ND	102	61-130	1.05	20		
o-Xylene	5.04	0.0250	5.00	ND	101	63-131	1.24	20		
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	1.31	20		
Total Xylenes	15.2	0.0250	15.0	ND	102	63-131	1.29	20		
G I I B II I BIB			0.00		0.4.2	70 120				



Surrogate: 4-Bromochlorobenzene-PID

7.54

70-130

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/25/2023 12:43:56PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			9/	25/2023 12:43:56PI
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2338070-BLK1)							Prepared: 09	9/21/23 Ana	alyzed: 09/22/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		91.9	70-130			
LCS (2338070-BS2)							Prepared: 09	9/21/23 Ana	alyzed: 09/21/23
Gasoline Range Organics (C6-C10)	54.2	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			
Matrix Spike (2338070-MS2)				Source:	E309147-	02	Prepared: 09	9/21/23 Ana	alyzed: 09/21/23
Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			
Matrix Spike Dup (2338070-MSD2)				Source:	E309147-	02	Prepared: 09	9/21/23 Ana	alyzed: 09/21/23
Gasoline Range Organics (C6-C10)	55.9	20.0	50.0	ND	112	70-130	0.904	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/25/2023 12:43:56PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				9/25/2023 12:43:56PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2338077-BLK1)							Prepared: 0	9/21/23 <i>A</i>	Analyzed: 09/22/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.8	50-200			
LCS (2338077-BS1)							Prepared: 0	9/21/23 A	Analyzed: 09/23/23
Diesel Range Organics (C10-C28)	283	25.0	250		113	38-132			
Surrogate: n-Nonane	59.2		50.0		118	50-200			
Matrix Spike (2338077-MS1)				Source:	E309141-	26	Prepared: 0	9/21/23 A	Analyzed: 09/22/23
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	46.5		50.0		92.9	50-200			
Matrix Spike Dup (2338077-MSD1)				Source:	E309141-	26	Prepared: 0	9/21/23 A	Analyzed: 09/22/23
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132	1.93	20	
Surrogate: n-Nonane	49.4		50.0		98.8	50-200			



Devon Energy - Carlsbad 6488 7 Rivers Hwy		•	Project Number: 01058-0007						Reported:
Artesia NM, 88210		Project Manager:		shley Gioven					9/25/2023 12:43:56PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2338078-BLK1)							Prepared: 0	9/21/23 A	analyzed: 09/21/23
Chloride	ND	20.0							
LCS (2338078-BS1)							Prepared: 0	9/21/23 A	analyzed: 09/21/23
Chloride	267	20.0	250		107	90-110			
Matrix Spike (2338078-MS1)				Source:	E309144-	01	Prepared: 0	9/21/23 A	analyzed: 09/21/23
Chloride	329	200	250	ND	131	80-120			M5
Matrix Spike Dup (2338078-MSD1)				Source:	E309144-	01	Prepared: 0	9/21/23 A	analyzed: 09/22/23
Chloride	334	200	250	ND	134	80-120	1.64	20	M5

QC Summary Report Comment:

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



Definitions and Notes

ſ	Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #075H	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/25/23 12:43

M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The

accociated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



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Client: [Devon Energy	1				Bill To				La	b Us	se Or	nly				TA	T	EPA P	rogram
	Ross Draw					cention: Jim Raley		Lab	WO#	#	_	Job			1D 2D	2D	3D	Standard	CWA	SDWA
	Manager: As					dress: 5315 Buena Vista Dr		E.	309	15	0	010	258	-0007				X		
	3122 Natio					y, State, Zip: Carlsbad NM, 88	220					Analy	/sis a	nd Method	d					RCRA
	te, Zip: Carls		88220		Ph	one: (575)689-7597			by											
Phone:	575-988-005	5			Em	nail: jim.raley@dvn.com			ORO								1 1		State	
Email: a	giovengo@e	nsolum.	om						30/0	-	_		0.0		ΣZ		J	NM CO	UT AZ	TX
Report o	lue by:								o/o	805	826	5010	300				¥	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос		GDOC		Remarks	
10:18	9/20/2023	Soil	1			SS12 - 0.5'	1								х					
, —																				
																			4	
Addition	al Instructio	ns: Plea	se CC: cl	ourton@ensol	um.com	, agiovengo@ensolum.com, j	im.raley@d	/n.c	om, cł	namil	lton	@ens	solur	n.com						
100000000000000000000000000000000000000				ty of this sample. I		that tampering with or intentionally misla Sampled by: (he d		le loc	ation,									ceived on ice the day ess than 6 °C on subs		led or
10	ed by: (Signatur		Date OC1	Time / 20/23 13	:07	Received by: (Signature)	Date 9-20	23	Time /	30	7	Rece	eived	d on ice:	Lal (Y	a Us	se Onl	ly		
ello	ed by: (Signatur	eenvo	Date G	1023 Time	00	Received by: (Signature)	Date	27	Time	73	0	T1			<u>T2</u>			<u>T3</u>		
Relinquish	ed by: (Signatur	nose	Date	20.23 Z	400	Received by: (Signature)	9.21.	23	Time 8	:/5	-	AVG	Ten	np °C	1					
Sample Mat	trix: S - Soil, Sd - S	olid, S g - Slu	dge, A - Aqu	eous, O - Other			Containe	r Ty	oe: g -	glass,				c, ag - amb	er glas	ss, v	- VOA			
						er arrangements are made. Hazardo h this COC. The liability of the labora	us samples wil	be r	eturne	d to cl	ient c	or disp	osed	of at the cli					analysis of t	the above
	and the second second second		A WEST CO. T. P.	A STATE OF THE STA	COPERT STATE		,					- / 10	17	La arth						



or disposed of at the client expense. The report for the analysis of the above on the report.

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envirotection

and the client expense. The report for the analysis of the above on the report.

envirotech Inc.

Printed: 9/21/2023 8:58:10AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	09/21/23	08:15	Work Order ID:	E309150
Phone:	(505) 382-1211	Date Logged In:	09/20/23	14:42	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wescominc.com	Due Date:	09/27/23	17:00 (4 day TAT)		
Chain a	f Custody (COC)					
			37			
	the sample ID match the COC? The number of samples per sampling site location mat	ch the COC	Yes			
	samples dropped off by client or carrier?	on the coc	Yes Yes	Ci Ci		
	ne COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	Carrier: <u>Courier</u>		
	all samples received within holding time?	ned undry ses.	Yes			
J. WOIC	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic		103		Comment	s/Resolution
	<u> Turn Around Time (TAT)</u>					
6. Did th	e 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	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>			
Sample	Container_					
	aqueous VOC samples present?		No			
	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			
	non-VOC samples collected in the correct containers?	,	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	bel					
•	field sample labels filled out with the minimum info	rmation:				
5	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation	10				
	the COC or field labels indicate the samples were pr	eserved?	No			
	sample(s) correctly preserved?	4_1_9	NA			
	o filteration required and/or requested for dissolved m	ietais?	No			
	ase Sample Matrix	_				
	the sample have more than one phase, i.e., multiphas		No			
27. If yes	s, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborator a subcontract laboratory specified by the client and if	•	No NA	Subcontract Lab: NA		
Client I	nstruction					

Date

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



APPENDIX E

Email Correspondence



APPENDIX E

Email Correspondence

From: <u>Cole Burton</u>

To: OCD. Enviro (ocd.enviro@emnrd.nm.gov)

Cc: Ashley Giovengo; Shar Harvester; Raley, Jim; Joey Croce; Cody York

Subject: 48-Hour Confirmation Sample Notice - Ross Draw Unit #075H - nAPP2231850149

Date: Tuesday, November 15, 2022 2:09:00 PM

Hello All,

We intend to take confirmation samples at the Ross Draw Unit #075H - nAPP2231850149 starting on (11/18/22).

Please let us know if you plan to be onsite to oversee this sampling event.

Thanks,

Cole Burton, Environmental Field Technician **O** (218) 724-1322 | **C** (505) 205-0455

WescomInc.com | cole.burton@WescomInc.com

"I am in charge of my own safety."

From: <u>Cole Burton</u>

To: OCD. Enviro (ocd.enviro@emnrd.nm.gov)

 Cc:
 Ashley Giovengo; Shar Harvester; Raley, Jim; Joey Croce; Cody York; Israel Estrella

 Subject:
 48-Hour Confirmation Sample Notice - Ross Draw Unit #075H - nAPP2231850149

Date: Monday, November 28, 2022 8:58:00 AM

Hello All,

We intend to take confirmation samples at the Ross Draw Unit #075H - nAPP2231850149 starting on (11/30/22).

Please let us know if you plan to be onsite to oversee this sampling event.

Thanks,

Cole Burton, Environmental Field Technician
O (218) 724-1322 | C (505) 205-0455
Wescomlnc.com | cole.burton@Wescomlnc.com

"I am in charge of my own safety."

From: <u>Cole Burton</u>

To: OCD. Enviro (ocd.enviro@emnrd.nm.gov)

Cc: Raley, Jim; Ashley Giovengo; Shar Harvester; Joey Croce; Cody York

Subject: 48-Hour Confirmation Sample Notice - Ross Draw Unit #075H - nAPP2231850149

Date: Tuesday, December 20, 2022 9:26:00 AM

Hello All,

We intend to take confirmation samples at the Ross Draw Unit #075H - nAPP2231850149 starting on (12/22/22).

Please let us know if you plan to be onsite to oversee this sampling event.

Thanks,

Cole Burton, Environmental Field Technician **O** (218) 724-1322 | **C** (505) 205-0455

WescomInc.com | cole.burton@WescomInc.com

[&]quot;I am in charge of my own safety."

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 286309

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	286309
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	3/15/2024