



December 13, 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: Deferral Request Addendum  
Ross Draw Unit #045  
Incident Number nAPP2305131821  
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of WPX Energy Permian, LLC (WPX), has prepared this *Deferral Request Addendum* to document excavation and soil sampling activities at the Ross Draw Unit #045 (Site) in Unit M, Section 22, Township 26 South, Range 30 East, in Eddy County, New Mexico (32.04900477°, -103.87652117°), which is associated with oil and gas exploration and production operations on federal land managed by the Bureau of Land Management (BLM).

The purpose of the Site assessment and soil sampling activities was to address impacts to soil following a release of crude oil into an earthen secondary containment. Based on field observations, field screening activities, and soil sample laboratory analytical results, WPX is submitting this *Deferral Request Addendum*, describing Site assessment and excavation activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2305131821 until the Site is reconstructed and/or the well pad is plugged and abandoned, and the deferral area is safely accessible.

On April 21, 2023, A *Deferral Request* authored by Wescom, Inc. (Wescom) was submitted to the New Mexico Oil Conservation Division (NMOCD) for the release associated with Incident Number nAPP2305131821; however, the request was denied for the following reason:

*Deferral not approved. Confirmation soil samples must consist of a five-point composite sample representing a surface area of no more than 200 ft<sup>2</sup> unless otherwise approved, this includes sidewalls and bottom samples.*

Due to the denial of the *Deferral Request*, it was determined that additional sampling was required, Ensolum personnel returned to the Site on October 12, 2023, and November 1, 2023, to collect additional delineation samples to further define the vertical and horizontal extent of impacted soil. This *Deferral Request Addendum* addresses NMOCD's concerns regarding additional sampling. Based on laboratory analytical results, WPX respectfully requests no further action (NFA) for Incident Number nAPP2305131821. The original Report and other supporting documents can be viewed on the NMOCD web portal.

WPX Energy Permian, LLC  
Deferral Request Addendum  
Ross Draw Unit #045

## BACKGROUND

On February 14, 2023, a pressure release valve on the fuel pot activated and then failed to close. This resulted in the release of approximately 24 barrels (bbls) of crude oil inside the secondary lined containment and an additional 3 bbls impacted the pad surface and off pad surface; 24 bbls were recovered with a vac truck. WPX submitted a Release Notification Form C-141 (Form C-141) on February 14, 2023. The release was assigned Incident Number nAPP2305131821 (Appendix A).

On February 28, 2023, WPX contracted Wescom to assess the spill area and to conduct delineation soil sampling. On March 28, 2023, Wescom excavated an area around the lined containment to depths ranging from 0 to 2.5 feet below ground surface (bgs). The excavation area measured roughly 2,019 square feet and approximately 91 cubic yards of impacted soil was removed from the area. A light scrape was conducted across the overspray area to remove stained soil. Waste-containing soil was left in place in some areas due to the proximity of active production equipment.

## 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 the Form C-141, Site Assessment/Characterization.

The closest permitted groundwater well with depth to groundwater data is well number MW-1 located at the Ross Draw Unit #38, with a depth to water measurement greater than 105 feet bgs. The well was a soil boring drilled to assess depth to groundwater beneath the Site and was advanced approximately 1,848 feet east of the spill area and measured on December 8, 2020. All wells used for depth to groundwater determination are depicted on Figure 1 and the referenced well records are included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is a freshwater pond, located approximately 1,614 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). Potential Site receptors are identified on Figure 1.

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

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

WPX Energy Permian, LLC  
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## DELINEATION SOIL SAMPLING ACTIVITIES

On October 12, 2023, and November 1, 2023, Ensolum personnel visited the Site to collect additional vertical and surface delineation samples (SS06 through SS13). Delineation soil samples were field screened for volatile aromatic hydrocarbons utilizing a PetroFLAG® Soil Analyzer System and chloride utilizing the MOHR Titration Method. 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.

Delineation soil sample SS06 was advanced to 2 feet bgs in the center of the secondary containment area to assess the vertical extent of impacts and waste-containing soil. Additional delineation soil samples SS07 through SS13 were collected in the vicinity of confirmation soil sample CONF08. The scraped area represented by confirmation soil sample CONF08 was lightly misted by overspray during the initial release. Wescom personnel oversaw the surface scrape of the misted area, and it was completed with a backhoe.

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 from delineation soil sample SS06 at 1-foot bgs was in compliance with the strictest Closure Criteria per NMOCD Table I. Laboratory analytical results for delineation soil samples SS07 through SS13 indicated all COC concentrations were compliant with the Closure Criteria; however, slightly elevated levels of chloride in the scraped area, which was caused by a secondary release at the Ross Draw Unit #037 well head (Incident Number nAPP2308628236), indicated waste-containing soil is present. The second spill ran through the scraped area after the confirmation sampling had been completed, but prior to the delineation sampling completed by Ensolum personnel. All other COCs were in compliance with the Closure Criteria. Chloride in soil within the mist area is being addressed through remedial actions associated with Incident Number nAPP2308628236.

The estimated area of remaining impacted soil inside the secondary containment area measures approximately 413 square feet and assuming a depth of 1 foot based on the analytical results for delineation borehole SS06@1', a total of approximately 15 cubic yards of impacted soil remains in place. The deferral area and borehole location are depicted on Figure 4.

## DEFERRAL REQUEST

WPX is requesting deferral of final remediation within the secondary containment area due to the presence of active production equipment preventing full excavation of impacted soil. The impacted soil is limited to the area beneath production equipment, where remediation would require a major facility deconstruction. WPX was able to excavate approximately 91 cubic yards of accessible impacted soil around the lined containment. The impacted soil remaining in place is laterally defined by delineation soil samples SS01 through SS05 and SS07 through SS13 at ground surface and vertically defined by borehole sample SS06@1'.

Laboratory analytical results indicated delineation soil samples are all below the Closure Criteria for the Site except SS06 at ground surface.

WPX Energy Permian, LLC  
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Ross Draw Unit #045

WPX does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be greater than 101 feet bgs. Any gross impacts were removed during the initial cleanup. A liner is present within the secondary containment and a verification of it has revealed it is in proper condition to contain any potential release of fluids. In addition, the liner will act as a barrier for residual TPH to prevent contact with humans or wildlife as the impacts are able to attenuate over time and not migrate vertically through surface infiltration of precipitation.


Based on the presence of active production equipment within the release area and the complete lateral and vertical delineation of impacted soil remaining in place, WPX requests deferral of final remediation for Incident Number nAPP2305131821 until final reclamation of the well pad or major construction, whichever comes first.

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

Sincerely,  
**Ensolum, LLC**



Ashley Giovengo  
Senior Engineer



Daniel R. Moir, PG  
Senior Managing Geologist

cc: Jim Raley, Devon Energy  
Crisha A. Morgan, BLM

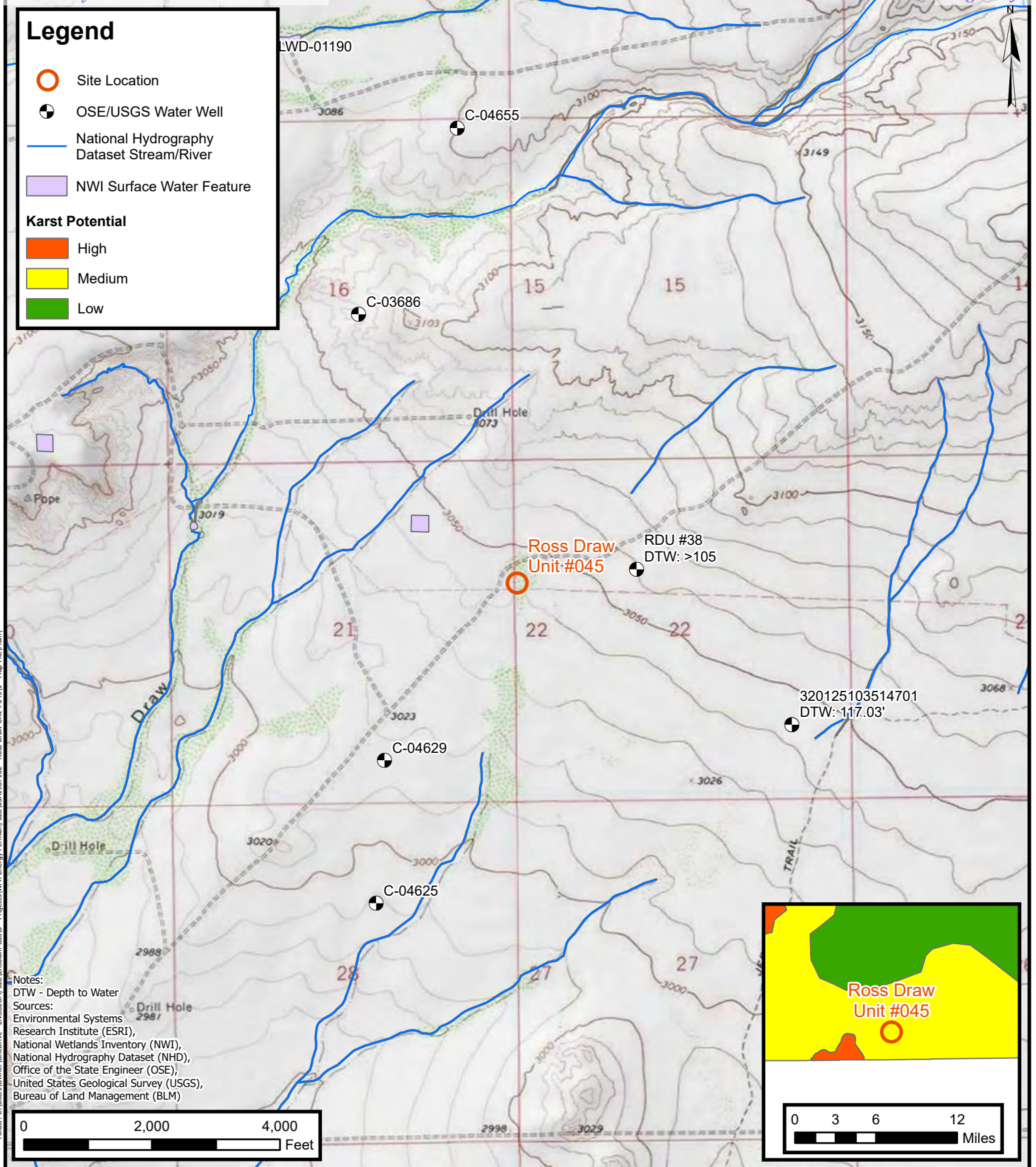
Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Area of Requested Deferral
Table 1	Soil Sample Analytical Results (Delineation Soil Samples)
Table 2	Soil Sample Analytical Results (Confirmation Soil Samples)
Appendix A	C-141 Form
Appendix B	Referenced Well Records
Appendix C	Photographic Log
Appendix D	Lithologic / Soil Sampling Logs
Appendix E	Laboratory Analytical Reports & Chain-of-Custody Documentation



FIGURES





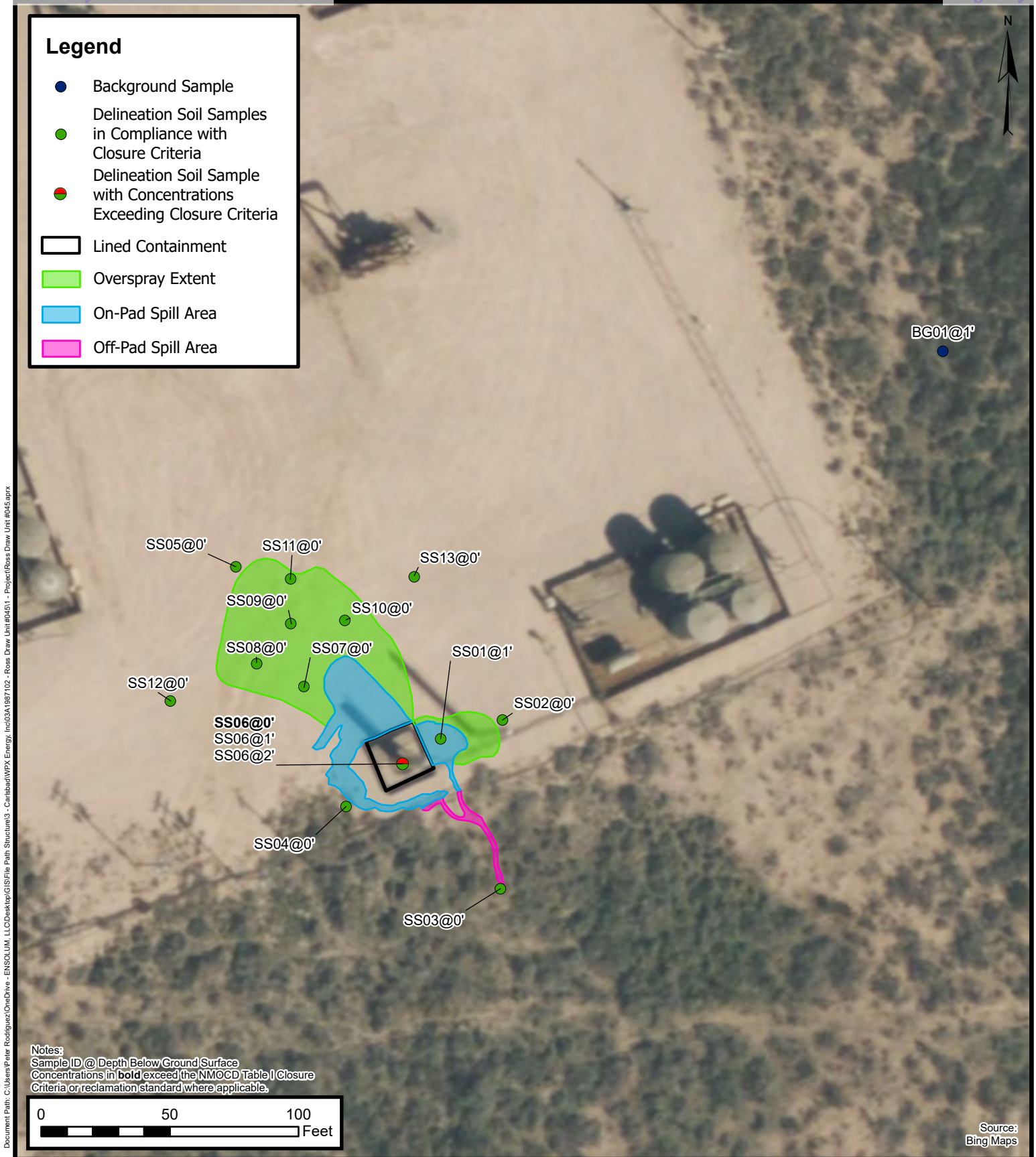
## Site Receptor Map

WPX Energy Permian, LLC  
Ross Draw Unit #045  
Incident Number: nAPP2305131821  
Unit M, Section 22, T 26S, R 30E  
Eddy County, New Mexico

**FIGURE**

**1**





## Delineation Soil Sample Locations

WPX Energy Permian, LLC

Ross Draw Unit #045

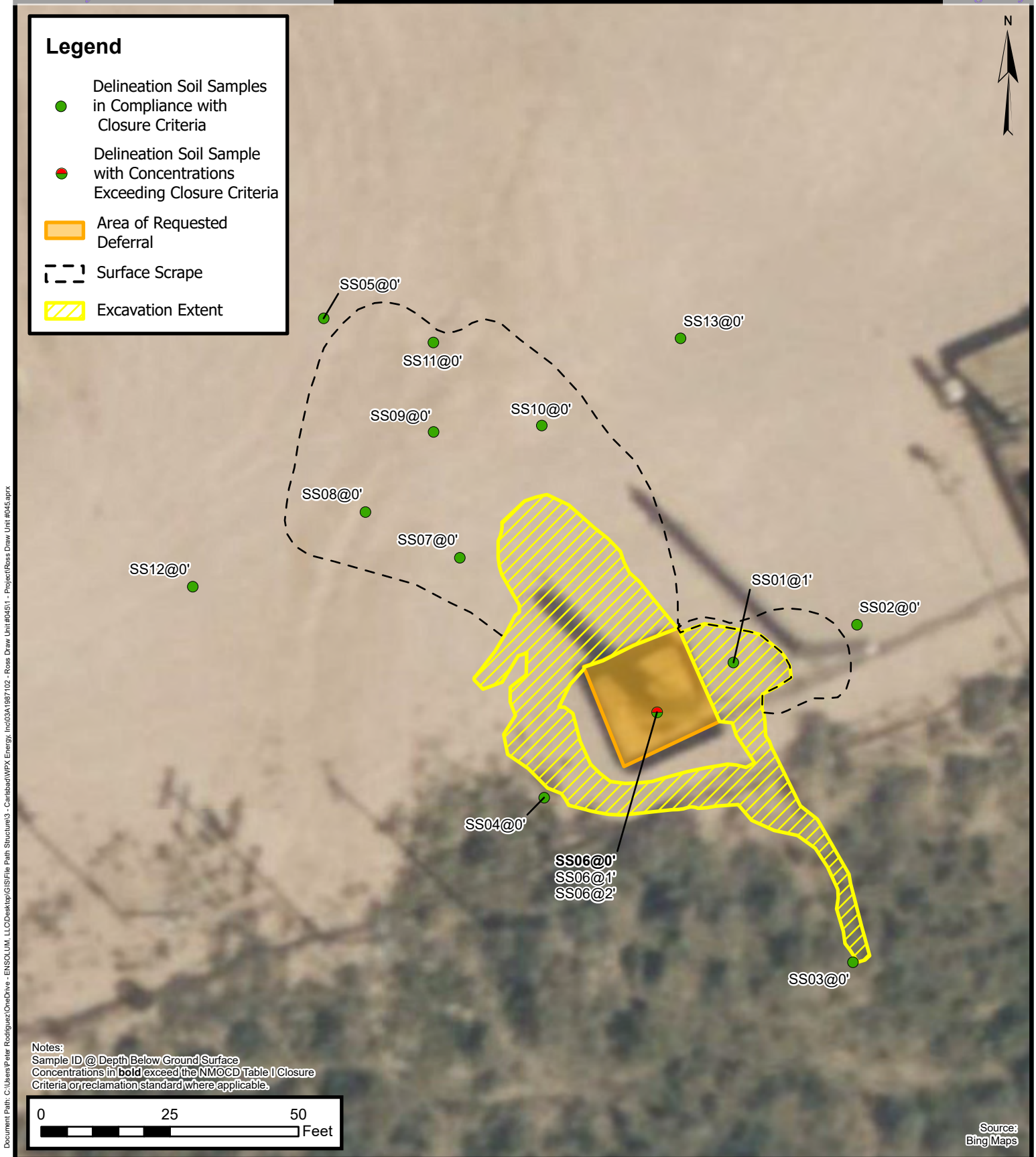
Incident Number: nAPP2305131821

Unit M, Section 22, Township 26S, Range 30E

Eddy County, New Mexico

FIGURE

2



## Area of Requested Deferral

WPX Energy Permian, LLC

Ross Draw Unit #045

Incident Number: nAPP2305131821

Unit M, Section 22, Township 26S, Range 30E

Eddy County, New Mexico

FIGURE

3





TABLES

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**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Ross Draw Unit #045  
 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)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>1,000</b>	<b>2,500</b>	<b>20,000</b>
<b>Delineation Soil Samples</b>										
BG01	2/28/2023	1	<0.0250	0.0619	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS01	2/28/2023	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	49.1
SS02	2/28/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	336
SS03	2/28/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	2/28/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	2/28/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	132
SS06	10/12/2023	0	<0.0250	0.212	<20.0	<b>6,090</b>	<b>3,280</b>	<b>6,090</b>	<b>9,370</b>	179
SS06	10/12/2023	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	588
SS06	3/31/2023	2	<0.0250	0.0619	<20.0	<25.0	<50.0	<25.0	<50.0	97.2
SS07	10/12/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	296
SS08	10/12/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	6,820
SS09	10/12/2023	0	<0.0250	<0.0250	<20.0	27.7	<50.0	27.7	27.7	2,370
SS10	10/12/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	1,710
SS11	10/12/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	1,730
SS12	11/1/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	214
SS13	11/1/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

**Notes:**

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

&lt;: Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



**TABLE 2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Ross Draw Unit #045  
 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)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>1,000</b>	<b>2,500</b>	<b>20,000</b>
<b>Confirmation Floor Soil Samples</b>										
CONF01	3/31/2023	2.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	26.7
CONF02	3/31/2023	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	60.6
CONF03	3/31/2023	1	<0.0250	<0.0250	<20.0	39.4	<50.0	39.4	39.4	49.6
CONF04	3/31/2023	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	74.9
CONF05	3/31/2023	1	<0.0250	<0.0250	<20.0	275	109	275	384	139
CONF06	3/31/2023	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	290
CONF07	3/31/2023	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	184
CONF08	3/31/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	1,170
CONF09	3/31/2023	0	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	279.0
<b>Confirmation Sidewall Soil Samples</b>										
CONF10 Wall	3/31/2023	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
CONF11 Wall	3/31/2023	1	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

SCS - soil confirmation sample collected within the limits of the excavation

SP - stockpile soil sample collected as a three-part composite from the excavated soil

**Notes:**

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

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

Grey text represents samples that have been excavated





APPENDIX A

Form C-141

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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	nAPP2305131821
District RP	
Facility ID	
Application ID	

## Responsible Party

Responsible Party WPX Energy Permain, LLC	OGRID 246289
Contact Name Jim Raley	Contact Telephone 575-689-7597
Contact email Jim.Raley@dmv.com	Incident # (assigned by OCD) nAPP2305131821
Contact mailing address 5315 Buena Vista Drive, Carlsbad, NM 88220	

## Location of Release Source

Latitude 32.0233917 Longitude -103.8763275  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: ROSS DRAW UNIT #045	Site Type Oil Well
Date Release Discovered: 02/14/2023	API# (if applicable) 30-015-42018

Unit Letter	Section	Township	Range	County
M	22	26S	30E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 27	Volume Recovered (bbls) 24
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: PRV valve on fuel pot activated then failed to close, this allowed treater to high level and begin sending fluids through fuel pot PRV. Majority of oil contained in lined secondary containment. Approx 3 bbls impacted pad surface and slightly off pad.


$$bbl\ estimate = \frac{saturated\ soil\ volume\ (ft^3)}{4.21(bbl\ equivalent)} * estimated\ soil\ porosity(\%) + recovered\ fluids\ (bbl)$$

Incident ID	nAPP2305131821
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Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Volume exceeded 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email to Mike Bratcher and Rosa Romero on 02/14/2023	

## Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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: <u>Jim Raley</u>	Title: <u>Environmental Professional</u>
Signature: <u></u>	Date: <u>02/20/2023</u>
email: <u>jim.raley@dvn.com</u>	Telephone: <u>575-689-7597</u>
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____



Incident ID	nAPP2305131821
District RP	
Facility ID	
Application ID	

## 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>&gt;105</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

### **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
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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.

State of New Mexico  
Oil Conservation Division


Page 4

Incident ID	nAPP2305131821
District RP	
Facility ID	
Application ID	

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 Professional

Signature: 

Date: 4/28/2023

email: jim.raley@dvni.com

Telephone: 575-689-7597

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2305131821
District RP	
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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 RaleyTitle: Environmental ProfessionalSignature: Date: 4/28/2023email: jim.raley@dm.comTelephone: 575-689-7597**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral ApprovedSignature: Scott RodgersDate: 02/21/2024






## APPENDIX B

### Referenced Wells

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 <b>HRL COMPLIANCE SOLUTIONS</b>							BORING LOG/MONITORING WELL COMPLETION DIAGRAM						
							Boring/Well Number: MW-1			Location: Ross Draw Unit #38			
							Date: 12/8/2020			Client: WPX Energy			
Drilling Method: Air Rotary			Sampling Method: None				Logged By: J. Linn, PG			Drilled By: Talon LPE			
Gravel Pack Type: 10/20 Sand			Gravel Pack Depth Interval: 3 Bags				Seal Type: None		Seal Depth Interval: None		Latitude: 32.030300		
Casing Type: PVC		Diameter: 2-inch		Depth Interval: 0-100 feet bgs			Boring Total Depth (ft. BGS): 105			Longitude: -103.871338			
Screen Type: PVC		Slot: 0.010-inch		Diameter: 2-inch		Depth Interval: 100-105 ft		Well Total Depth (ft. BGS): 105			Depth to Water (ft. BTOC): > 105		
											DTW Date: 12/16/2020		
Depth Interval (ft)	Recovery (ft)	Plasticity	Moisture	Odor	Staining	PID (ppm)	USCS	Sample ID	Lithology/Remarks			Well Completion	
0	NM	L	D	N	N	NM	SW	NS	Pale orange/pale pink to buff colored fine sand with minor medium and coarse sand				
5													
10													
15													
20	NM	L	D	N	N	NM	SP	NS	Pale orange/pale pink poorly graded fine sand				
25													
30													
35	NM	L	D	N	N	NM	SP	NS	Tan/pale brown/pale orange poorly graded fine sand				
40													
45													
50													
55													
60													
65	NM	L	D	N	N	NM	SP	NS	Brick red brown poorly graded fine sand				
70													
75													
80													
85													
90													
95	NM	L	D	N	N	NM	SP	NS	Tan/pale brown/pale orange poorly graded fine sand - TD 105' BGS				
100													



## APPENDIX C

### Lithologic Soil Sampling Logs

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								Sample Name: SS06		Date: 10/12/23	
								Site Name: Ross Draw Unit #045			
								Incident Number: nAPP2305131821			
								Job Number: 03A1987102			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								Logged By: Cole Burton		Method:	
Coordinates: 32.029946, -103.877277								Hole Diameter: 3"		Total Depth:	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M			Y	SS06	0	0	CCHE	Caliche, Odor, Staining			
D			N	SS06	1	1	SP-SM	Red sand, silt, Non-cohesive, no staining or odor			
D			N	SS06	2	2	SP-SM	SAA			
Total Depth = 2'											



## APPENDIX D

### Photographic Log

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## Photographic Log

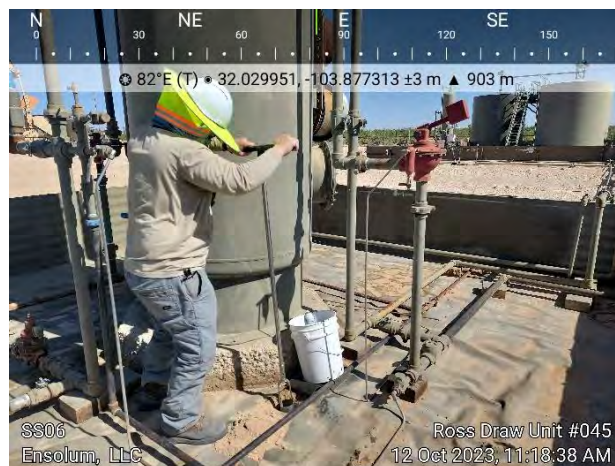
WPX Energy Permian, LLC

## Ross Draw Unit #045

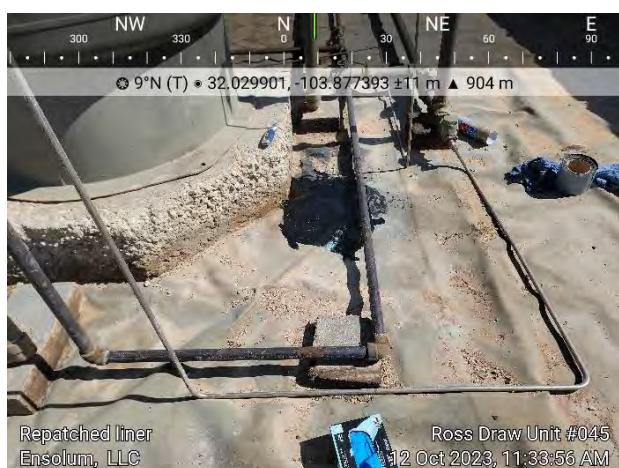
nAPP2305131821



Photograph 1  
Description: Lease Signage  
View: Southeast



Photograph 2  
Description: Vertical Delineation  
View: Northeast



Photograph 3	Date: 10/12/2023
Description: Liner Patch	
View: East	



Photograph 4  
Description: Delineation  
View: East



## APPENDIX E

### Laboratory Analytical Reports & Chain-of-Custody Documentation

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Report to:  
Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Ross Draw Unit #045

Work Order: E310099

Job Number: 01058-0007

Received: 10/16/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/18/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 10/18/23

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Ross Draw Unit #045  
Workorder: E310099  
Date Received: 10/16/2023 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/16/2023 8:15:00AM, under the Project Name: Ross Draw Unit #045.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #045 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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Office: 505-632-1881  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/18/23 15:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS06 - 0'	E310099-01A	Soil	10/12/23	10/16/23	Glass Jar, 2 oz.
SS06 - 1'	E310099-02A	Soil	10/12/23	10/16/23	Glass Jar, 2 oz.
SS07 - 0'	E310099-03A	Soil	10/12/23	10/16/23	Glass Jar, 2 oz.
SS08 - 0'	E310099-04A	Soil	10/12/23	10/16/23	Glass Jar, 2 oz.
SS09 - 0'	E310099-05A	Soil	10/12/23	10/16/23	Glass Jar, 2 oz.
SS10 - 0'	E310099-06A	Soil	10/12/23	10/16/23	Glass Jar, 2 oz.
SS11 - 0'	E310099-07A	Soil	10/12/23	10/16/23	Glass Jar, 2 oz.



## Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Ross Draw Unit #045 Project Number: 01058-0007 Project Manager: Ashley Giovengo	<b>Reported:</b> 10/18/2023 3:12:16PM
---	---	--

SS06 - 0'

E310099-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2342009	
Benzene	ND	0.0250	1	10/16/23	10/16/23	
Ethylbenzene	<b>0.0639</b>	0.0250	1	10/16/23	10/16/23	
Toluene	ND	0.0250	1	10/16/23	10/16/23	
o-Xylene	<b>0.0804</b>	0.0250	1	10/16/23	10/16/23	
p,m-Xylene	<b>0.131</b>	0.0500	1	10/16/23	10/16/23	
Total Xylenes	<b>0.212</b>	0.0250	1	10/16/23	10/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.6 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2342009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/23	10/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.8 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2342007	
Diesel Range Organics (C10-C28)	<b>6090</b>	500	20	10/16/23	10/16/23	
Oil Range Organics (C28-C36)	<b>3280</b>	1000	20	10/16/23	10/16/23	
<i>Surrogate: n-Nonane</i>	73.3 %	50-200		10/16/23	10/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2342029	
Chloride	<b>179</b>	20.0	1	10/17/23	10/17/23	



## Sample Data

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

Project Name: Ross Draw Unit #045  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/18/2023 3:12:16PM

SS06 - 1'

E310099-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2342009
Benzene	ND	0.0250	1	10/16/23	10/16/23	
Ethylbenzene	ND	0.0250	1	10/16/23	10/16/23	
Toluene	ND	0.0250	1	10/16/23	10/16/23	
o-Xylene	ND	0.0250	1	10/16/23	10/16/23	
p,m-Xylene	ND	0.0500	1	10/16/23	10/16/23	
Total Xylenes	ND	0.0250	1	10/16/23	10/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2342009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/23	10/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
<i>Surrogate: n-Nonane</i>						
	89.1 %	50-200		10/16/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342029
Chloride	588	20.0	1	10/17/23	10/17/23	



## Sample Data

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

Project Name: Ross Draw Unit #045  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/18/2023 3:12:16PM

SS07 - 0'

E310099-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2342009
Benzene	ND	0.0250	1	10/16/23	10/16/23	
Ethylbenzene	ND	0.0250	1	10/16/23	10/16/23	
Toluene	ND	0.0250	1	10/16/23	10/16/23	
o-Xylene	ND	0.0250	1	10/16/23	10/16/23	
p,m-Xylene	ND	0.0500	1	10/16/23	10/16/23	
Total Xylenes	ND	0.0250	1	10/16/23	10/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2342009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/23	10/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
<i>Surrogate: n-Nonane</i>						
	89.5 %	50-200		10/16/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342029
Chloride	296	40.0	2	10/17/23	10/17/23	



Sample Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	<b>Reported:</b> 10/18/2023 3:12:16PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

SS08 - 0'

E310099-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2342009	
Benzene	ND	0.0250	1	10/16/23	10/16/23	
Ethylbenzene	ND	0.0250	1	10/16/23	10/16/23	
Toluene	ND	0.0250	1	10/16/23	10/16/23	
o-Xylene	ND	0.0250	1	10/16/23	10/16/23	
p,m-Xylene	ND	0.0500	1	10/16/23	10/16/23	
Total Xylenes	ND	0.0250	1	10/16/23	10/16/23	
Surrogate: 4-Bromochlorobenzene-PID	97.7 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2342009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/23	10/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.1 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2342007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane	91.2 %	50-200		10/16/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2342029	
Chloride	6820	200	10	10/17/23	10/17/23	





## Sample Data

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

Project Name: Ross Draw Unit #045  
Project Number: 01058-0007  
Project Manager: Ashley Giovengo

**Reported:**  
10/18/2023 3:12:16PM

SS09 - 0'

E310099-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2342009
Benzene	ND	0.0250	1	10/16/23	10/16/23	
Ethylbenzene	ND	0.0250	1	10/16/23	10/16/23	
Toluene	ND	0.0250	1	10/16/23	10/16/23	
o-Xylene	ND	0.0250	1	10/16/23	10/16/23	
p,m-Xylene	ND	0.0500	1	10/16/23	10/16/23	
Total Xylenes	ND	0.0250	1	10/16/23	10/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2342009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/23	10/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342007
Diesel Range Organics (C10-C28)	27.7	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
<i>Surrogate: n-Nonane</i>						
	95.1 %	50-200		10/16/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342029
Chloride	2370	40.0	2	10/17/23	10/17/23	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Ross Draw Unit #045 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/18/2023 3:12:16PM
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SS10 - 0'

E310099-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2342009	
Benzene	ND	0.0250	1	10/16/23	10/16/23	
Ethylbenzene	ND	0.0250	1	10/16/23	10/16/23	
Toluene	ND	0.0250	1	10/16/23	10/16/23	
o-Xylene	ND	0.0250	1	10/16/23	10/16/23	
p,m-Xylene	ND	0.0500	1	10/16/23	10/16/23	
Total Xylenes	ND	0.0250	1	10/16/23	10/16/23	
Surrogate: 4-Bromochlorobenzene-PID	96.4 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2342009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/23	10/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.0 %	70-130		10/16/23	10/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2342007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane	89.0 %	50-200		10/16/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2342029	
Chloride	1710	20.0	1	10/17/23	10/17/23	



Sample Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	<b>Reported:</b> 10/18/2023 3:12:16PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

SS11 - 0'

E310099-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2342009	
Benzene	ND	0.0250	1	10/16/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/16/23	10/17/23	
Toluene	ND	0.0250	1	10/16/23	10/17/23	
o-Xylene	ND	0.0250	1	10/16/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/16/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/16/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID	96.9 %	70-130		10/16/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2342009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/16/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.7 %	70-130		10/16/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2342007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/16/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/16/23	10/17/23	
Surrogate: n-Nonane	89.4 %	50-200		10/16/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2342029	
Chloride	1730	100	5	10/17/23	10/17/23	



## QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/18/2023 3:12:16PM

## Volatile Organics by EPA 8021B

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2342009-BLK1)

Prepared: 10/16/23 Analyzed: 10/16/23

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	7.58		8.00		94.8	70-130			

## LCS (2342009-BS1)

Prepared: 10/16/23 Analyzed: 10/16/23

Benzene	4.55	0.0250	5.00		91.0	70-130			
Ethylbenzene	4.51	0.0250	5.00		90.3	70-130			
Toluene	4.55	0.0250	5.00		91.0	70-130			
o-Xylene	4.54	0.0250	5.00		90.7	70-130			
p,m-Xylene	9.23	0.0500	10.0		92.3	70-130			
Total Xylenes	13.8	0.0250	15.0		91.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.2	70-130			

## Matrix Spike (2342009-MS1)

Source: E310097-01

Prepared: 10/16/23 Analyzed: 10/16/23

Benzene	4.54	0.0250	5.00	ND	90.9	54-133			
Ethylbenzene	4.50	0.0250	5.00	ND	89.9	61-133			
Toluene	4.55	0.0250	5.00	ND	90.9	61-130			
o-Xylene	4.54	0.0250	5.00	ND	90.9	63-131			
p,m-Xylene	9.19	0.0500	10.0	ND	91.9	63-131			
Total Xylenes	13.7	0.0250	15.0	ND	91.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			

## Matrix Spike Dup (2342009-MSD1)

Source: E310097-01

Prepared: 10/16/23 Analyzed: 10/16/23

Benzene	4.74	0.0250	5.00	ND	94.7	54-133	4.19	20	
Ethylbenzene	4.69	0.0250	5.00	ND	93.9	61-133	4.33	20	
Toluene	4.73	0.0250	5.00	ND	94.6	61-130	4.00	20	
o-Xylene	4.72	0.0250	5.00	ND	94.3	63-131	3.77	20	
p,m-Xylene	9.57	0.0500	10.0	ND	95.7	63-131	4.12	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.3	63-131	4.01	20	
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/18/2023 3:12:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2342009-BLK1) Prepared: 10/16/23 Analyzed: 10/16/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

LCS (2342009-BS2) Prepared: 10/16/23 Analyzed: 10/16/23

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			

Matrix Spike (2342009-MS2) Source: E310097-01 Prepared: 10/16/23 Analyzed: 10/16/23

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

Matrix Spike Dup (2342009-MSD2) Source: E310097-01 Prepared: 10/16/23 Analyzed: 10/16/23

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.9	70-130	0.198	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			





QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/18/2023 3:12:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2342007-BLK1)					Prepared: 10/16/23 Analyzed: 10/16/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.3		50.0		84.7	50-200			

LCS (2342007-BS1)					Prepared: 10/16/23 Analyzed: 10/16/23				
Diesel Range Organics (C10-C28)	222	25.0	250		88.9	38-132			
Surrogate: n-Nonane	43.1		50.0		86.3	50-200			

Matrix Spike (2342007-MS1)					Source: E310097-05		Prepared: 10/16/23 Analyzed: 10/16/23		
Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.2	38-132			
Surrogate: n-Nonane	45.2		50.0		90.5	50-200			

Matrix Spike Dup (2342007-MSD1)					Source: E310097-05		Prepared: 10/16/23 Analyzed: 10/16/23		
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.5	38-132	3.99	20	
Surrogate: n-Nonane	42.3		50.0		84.5	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/18/2023 3:12:16PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2342029-BLK1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Chloride	ND	20.0							
LCS (2342029-BS1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Chloride	243	20.0	250		97.1	90-110			
Matrix Spike (2342029-MS1)					Source: E310110-03		Prepared: 10/17/23 Analyzed: 10/17/23		
Chloride	1960	20.0	250	1740	87.0	80-120			
Matrix Spike Dup (2342029-MSD1)					Source: E310110-03		Prepared: 10/17/23 Analyzed: 10/17/23		
Chloride	1930	20.0	250	1740	76.1	80-120	1.41	20	M2

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/18/23 15:12

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

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

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



## Project Information

## Chain of Custody

Page 1 of 1

Client: Devon					Bill To		Lab Use Only				TAT				EPA Program					
Project: Ross Draw Unit #045					Attention: Jim Raley		Lab WO# E310099		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA				
Project Manager: Ashley Giovengo					Address: 5315 Buena Vista Dr									x						
Address: 3122 National Parks Hwy					City, State, Zip: Carlsbad NM, 88220		Analysis and Method									RCRA				
City, State, Zip: Carlsbad NM, 88220					Phone: (575)689-7597		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	NM	TX	GDOC	State			
Email: agiovengo@ensolum.com					Email: jim.raley@dvn.com												NM CO UT AZ TX			
Report due by:														Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
11:05	10/12/2023	Soil	1 Jar	SS06 - 0'	1								X							
11:08	10/12/2023	Soil	1 Jar	SS06 - 1'	2								X							
11:43	10/12/2023	Soil	1 Jar	SS07 - 0'	3								X							
11:44	10/12/2023	Soil	1 Jar	SS08 - 0'	4								X							
11:45	10/12/2023	Soil	1 Jar	SS09 - 0'	5								X							
11:52	10/12/2023	Soil	1 Jar	SS10 - 0'	6								X							
11:53	10/12/2023	Soil	1 Jar	SS11 - 0'	7								X							
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, chamilton@ensolum.com																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.								
Sampled by: Cole																				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only												
[Signature]		10-13-23	9:32	[Signature]		10-13-23	0932	Received on ice: Y / N												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3												
[Signature]		10-13-23	1600	[Signature]		10-13-23	1600													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C 4												
[Signature]		10-13-23	2400	[Signature]		10-16-23	8:15													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



## Envirotech Analytical Laboratory

Printed: 10/16/2023 10:15:12AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/16/23 08:15	Work Order ID:	E310099
Phone:	(505) 382-1211	Date Logged In:	10/13/23 15:55	Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wescominc.com	Due Date:	10/20/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

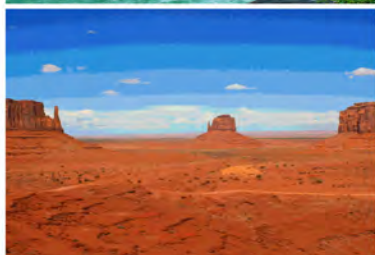


envirotech Inc.



Report to:

Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Devon Energy - Carlsbad

Project Name: Ross Draw Unit #045

Work Order: E311030

Job Number: 20046-0001

Received: 11/3/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/8/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 11/8/23

Ashley Giovengo  
6488 7 Rivers Hwy  
Artesia, NM 88210



Project Name: Ross Draw Unit #045  
Workorder: E311030  
Date Received: 11/3/2023 12:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/3/2023 12:00:00AM, under the Project Name: Ross Draw Unit #045.

The analytical test results summarized in this report with the Project Name: Ross Draw Unit #045 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	Reported:
6488 7 Rivers Hwy	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/08/23 13:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS12 - 0'	E311030-01A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SS13 - 0'	E311030-02A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Ross Draw Unit #045  
Project Number: 20046-0001  
Project Manager: Ashley Giovengo

**Reported:**  
11/8/2023 1:19:44PM

SS12 - 0'

E311030-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		11/03/23	11/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.7 %	70-130		11/03/23	11/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/05/23	
Surrogate: n-Nonane	101 %	50-200		11/03/23	11/05/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345024
Chloride	214	20.0	1	11/06/23	11/07/23	



## Sample Data

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

Project Name: Ross Draw Unit #045  
Project Number: 20046-0001  
Project Manager: Ashley Giovengo

**Reported:**  
11/8/2023 1:19:44PM

SS13 - 0'

E311030-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		11/03/23	11/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		11/03/23	11/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/05/23	
<i>Surrogate: n-Nonane</i>						
	95.4 %	50-200		11/03/23	11/05/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345024
Chloride	ND	20.0	1	11/06/23	11/07/23	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	Reported:
6488 7 Rivers Hwy	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2023 1:19:44PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2344088-BLK1) Prepared: 11/03/23 Analyzed: 11/03/23

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	7.63		8.00		95.4	70-130			

LCS (2344088-BS1) Prepared: 11/03/23 Analyzed: 11/03/23

Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.8	70-130			
Toluene	4.98	0.0250	5.00		99.7	70-130			
o-Xylene	4.95	0.0250	5.00		99.0	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.0	70-130			

Matrix Spike (2344088-MS1) Source: E311024-07 Prepared: 11/03/23 Analyzed: 11/03/23

Benzene	5.22	0.0250	5.00	ND	104	54-133			
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133			
Toluene	5.18	0.0250	5.00	ND	104	61-130			
o-Xylene	5.14	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.7	70-130			

Matrix Spike Dup (2344088-MSD1) Source: E311024-07 Prepared: 11/03/23 Analyzed: 11/03/23

Benzene	4.96	0.0250	5.00	ND	99.2	54-133	5.19	20	
Ethylbenzene	4.88	0.0250	5.00	ND	97.7	61-133	4.87	20	
Toluene	4.92	0.0250	5.00	ND	98.4	61-130	5.18	20	
o-Xylene	4.89	0.0250	5.00	ND	97.8	63-131	4.88	20	
p,m-Xylene	9.96	0.0500	10.0	ND	99.6	63-131	4.69	20	
Total Xylenes	14.8	0.0250	15.0	ND	99.0	63-131	4.75	20	
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	Reported:
6488 7 Rivers Hwy	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2023 1:19:44PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2344088-BLK1) Prepared: 11/03/23 Analyzed: 11/03/23

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

LCS (2344088-BS2) Prepared: 11/03/23 Analyzed: 11/03/23

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			

Matrix Spike (2344088-MS2) Source: E311024-07 Prepared: 11/03/23 Analyzed: 11/03/23

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			

Matrix Spike Dup (2344088-MSD2) Source: E311024-07 Prepared: 11/03/23 Analyzed: 11/03/23

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.2	70-130	4.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	Reported:
6488 7 Rivers Hwy	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2023 1:19:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2344103-BLK1)					Prepared: 11/03/23 Analyzed: 11/04/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.2		50.0		98.3	50-200			

LCS (2344103-BS1)					Prepared: 11/03/23 Analyzed: 11/04/23				
Diesel Range Organics (C10-C28)	241	25.0	250		96.4	38-132			
Surrogate: n-Nonane	48.1		50.0		96.2	50-200			

Matrix Spike (2344103-MS1)					Source: E311018-07		Prepared: 11/03/23 Analyzed: 11/04/23		
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	54.6		50.0		109	50-200			

Matrix Spike Dup (2344103-MSD1)					Source: E311018-07		Prepared: 11/03/23 Analyzed: 11/04/23		
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132	0.421	20	
Surrogate: n-Nonane	53.9		50.0		108	50-200			





QC Summary Data

Devon Energy - Carlsbad	Project Name:	Ross Draw Unit #045	Reported:
6488 7 Rivers Hwy	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2023 1:19:44PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2345024-BLK1)					Prepared: 11/06/23 Analyzed: 11/07/23				
Chloride	ND	20.0							
LCS (2345024-BS1)					Prepared: 11/06/23 Analyzed: 11/07/23				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2345024-MS1)					Source: E311036-23		Prepared: 11/06/23 Analyzed: 11/07/23		
Chloride	251	20.0	250	ND	101	80-120			
Matrix Spike Dup (2345024-MSD1)					Source: E311036-23		Prepared: 11/06/23 Analyzed: 11/07/23		
Chloride	252	20.0	250	ND	101	80-120	0.204	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 #045	
6488 7 Rivers Hwy	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/08/23 13:19

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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

## Project Information

## Chain of Custody

Client: Devon Energy				Bill To				Lab Use Only				TAT				EPA Program			
Project: Ross Draw Unit #45				Attention: Jim Raley				Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Ashley Giovengo				Address: 5315 Buena Vista Dr				531030		20046-001					x				
Address: 3122 National Parks Hwy				City, State, Zip: Carlsbad NM, 88220				Analysis and Method										RCRA	
City, State, Zip: Carlsbad NM, 88220				Phone: (575)689-7597															
Phone: 575-988-0055				Email: jim.raley@dvn.com															
Email: agiovengo@ensolum.com																			
Report due by:																			
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				BGDOC NM		GDOC TX	Remarks		
11:29	11/1/2023	Soil	1	SS12 - 0'	1									X					
11:22	11/1/2023	Soil	1	SS13 - 0'	2									X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, chamilton@ensolum.com, ehafth@ensolum.com																			
Preserved on ice																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.									
Sampled by: Ethan Haft																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only											
Ethan Haft		11/2/23	0720	Michelle Gough		11-2-23	0930	Received on ice: Y/ N											
Michelle Gough		11-2-23	1530	Linda Mello		11-2-23	1800	T1 T2 T3											
Linda Mello		11-2-23	2400	Lacey Reddy		11/2/23	8:15	AVG Temp °C 4											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



envirotech

## Envirotech Analytical Laboratory

Printed: 11/3/2023 10:44:24AM

## 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:	11/03/23 00:00	Work Order ID:	E311030
Phone:	(505) 382-1211	Date Logged In:	11/03/23 08:37	Logged In By:	Lacey Rodgers
Email:	ashley.giovengo@wescominc.com	Due Date:	11/09/23 17:00 (4 day TAT)		

**Chain of Custody (COC)**

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

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

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

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

QUESTIONS  
  
Action 296058

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 296058
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2305131821
Incident Name	NAPP2305131821 ROSS DRAW UNIT #045 @ 30-015-42018
Incident Type	Oil Release
Incident Status	Deferral Request Received
Incident Well	[30-015-42018] ROSS DRAW UNIT #045

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	ROSS DRAW UNIT #045
Date Release Discovered	02/14/2023
Surface Owner	Federal

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Treating Tower   Crude Oil   Released: 27 BBL   Recovered: 24 BBL   Lost: 3 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 296058

**QUESTIONS (continued)**

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:
	246289
	Action Number:
	296058
Action Type:	
[C-141] Deferral Request C-141 (C-141-v-Deferral)	

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmn.com Date: 12/19/2023
--	--



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QUESTIONS, Page 3

Action 296058

**QUESTIONS (continued)**

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:
	246289
	Action Number: 296058
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS****Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	1170
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	384
GRO+DRO (EPA SW-846 Method 8015M)	275
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	01/01/2050
On what date will (or did) the final sampling or liner inspection occur	03/01/2023
On what date will (or was) the remediation complete(d)	03/01/2023
What is the estimated surface area (in square feet) that will be reclaimed	413
What is the estimated volume (in cubic yards) that will be reclaimed	15
What is the estimated surface area (in square feet) that will be remediated	2019
What is the estimated volume (in cubic yards) that will be remediated	91

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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



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QUESTIONS, Page 4

Action 296058

**QUESTIONS (continued)**

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:	246289
	Action Number:	296058
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS****Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 12/19/2023
--	---

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

**District I**

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**District II**

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**District III**

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Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

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**

QUESTIONS, Page 5

Action 296058

**QUESTIONS (continued)**

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:	246289
	Action Number:	296058
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS****Deferral Requests Only**

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Containment with production equipment and process pipping.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	413
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	15
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-015-42018 ROSS DRAW UNIT #045
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmn.com Date: 12/19/2023

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Action 296058

QUESTIONS (continued)

Operator:  WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID:  246289
	Action Number:  296058
	Action Type:  [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS  
  
Action 296058

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 296058
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Deferral approved. Deferral of SS06 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	2/21/2024