

Kristen Houston
Regulatory Advisor
XTO Permian Operating, LLC
6401 Holiday Hill Road, Bldg 5
Midland, TX 79707



May 20, 2025

Victoria Venegas
ENMRD-Oil Conservation Division
Environmental Bureau -
506 W. Texas Ave.
Artesia, NM 88210

Re: Administrative Order 2RF-122
PLU South Recycling Facility
Facility ID (FAB1805849298)

Victoria,

XTO Permian Operating, LLC. Respectfully requests a one-year extension to the existing C-147 permit for the PLU South Recycling Facility. The annual extension requests of the Permit 2RF-122 PLU South recycling Facility ID (fab1805849298) from February 24, 2025, to February 23, 2026.

If you have any questions or need any additional information, please feel free to contact me at (432)894-1588.

Sincerely,

A handwritten signature in black ink that reads 'Kristen Houston'.

Kristen Houston
Regulatory Advisor

State of New Mexico
Energy Minerals and Natural Resources
Department Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
<https://www.emnrd.nm.gov/ocd/ocd-e-permitting/>

Form C-147
Revised October 11, 2022

Recycling Facility and/or Recycling Containment

Type of Facility: ☒ Recycling Facility ☒ Recycling Containment*
Type of action: ☒ Permit ☐ Registration
 ☐ Modification ☒ Extension
 ☐ Closure ☐ Other (explain) _____

*** At the time C-147 is submitted to the division for a Recycling Containment, a copy shall be provided to the surface owner.**

Be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: XTO Permian Operating LLC (For multiple operators attach page with information) OGRID #: 373075
Address: 6401 Holiday Hill Rd Bldg 5 Midland Tx 79707
Facility or well name (include API# if associated with a well): PLU South Recycling Facility
OCD Permit Number: 2RF-122/fAB1805849298 (For new facilities the permit number will be assigned by the district office)
U/L or Qtr/Qtr J/O Section 27 Township 25S Range 30E County: Eddy
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☒ **Recycling Facility:**
Location of recycling facility (if applicable): Latitude 32.098780 Longitude -103.867983 NAD83
Proposed Use: ☒ Drilling* ☒ Completion* ☒ Production* ☒ Plugging*
***The re-use of produced water may NOT be used until fresh water zones are cased and cemented**
☐ Other, **requires permit for other uses. Describe use, process, testing, volume of produced water and ensure there will be no adverse impact on groundwater or surface water.**
☒ Fluid Storage
 ☐ Above ground tanks ☒ Recycling containment ☐ Activity permitted under 19.15.17 NMAC explain type _____
 ☐ Activity permitted under 19.15.36 NMAC explain type: _____ ☐ Other explain _____
 ☐ For multiple or additional recycling containments, attach design and location information of each containment
☐ **Closure Report (required within 60 days of closure completion):** ☐ Recycling Facility Closure Completion Date: _____

3.
☒ **Recycling Containment:**
☒ Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)
Center of Recycling Containment (if applicable): Latitude 32.097679 Longitude -103.866801 NAD83
 ☐ For multiple or additional recycling containments, attach design and location information of each containment
☒ Lined ☐ Liner type: Thickness _____ mil ☒ LLDPE ☒ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☒ Welded ☐ Factory ☐ Other _____ Volume: 500,000 x 2 bbl Dimensions: L 1339' x W 1199' x D 22'
☐ Recycling Containment Closure Completion Date: _____

4.

Bonding:

- ☒ Covered under bonding pursuant to 19.15.8 NMAC per 19.15.34.15(A)(2) NMAC (These containments are limited to only the wells owned or operated by the owners of the containment.)
- ☐ Bonding in accordance with 19.15.34.15(A)(1). Amount of bond \$ _____ (work on these facilities cannot commence until bonding amounts are approved)
- ☐ Attach closure cost estimate and documentation on how the closure cost was calculated.

5.

Fencing:

- ☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet
- ☒ Alternate. Please specify 8' game fence w/ 3 strands barbed wire

6.

Signs:

- ☒ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- ☐ Signed in compliance with 19.15.16.8 NMAC

7.

Variances:

Justifications and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, human health, and the environment.

Check the below box only if a variance is requested:

☒ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. If a Variance is requested, include the variance information on a separate page and attach it to the C-147 as part of the application.

If a Variance is requested, it must be approved prior to implementation.

8.

Siting Criteria for Recycling Containment

Instructions: The applicant must provide attachments that demonstrate compliance for each siting criteria below as part of the application. Potential examples of the siting attachment source material are provided below under each criteria.

General siting**Ground water is less than 50 feet below the bottom of the Recycling Containment.**

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☒ No
☐ NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

☐ Yes ☒ No
☐ NA

- Written confirmation or verification from the municipality; written approval obtained from the municipality

Within the area overlying a subsurface mine.

☐ Yes ☒ No

- Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division

Within an unstable area.

☐ Yes ☒ No

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map

Within a 100-year floodplain. FEMA map

☐ Yes ☒ No

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

☐ Yes ☒ No

- Topographic map; visual inspection (certification) of the proposed site

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

☐ Yes ☒ No

- Visual inspection (certification) of the proposed site; aerial photo; satellite image

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.

☐ Yes ☒ No

- NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site

Within 500 feet of a wetland.

☐ Yes ☒ No

- US Fish and Wildlife Wetland Identification map; topographic map; visual inspection (certification) of the proposed site

9.

Recycling Facility and/or Containment Checklist:

Instructions: Each of the following items must be attached to the application. Indicate, by a check mark in the box, that the documents are attached.

- ☐ Design Plan - based upon the appropriate requirements.
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements.
- ☐ Closure Plan - based upon the appropriate requirements.
- ☐ Site Specific Groundwater Data -
- ☐ Siting Criteria Compliance Demonstrations -
- ☒ Certify that notice of the C-147 (only) has been sent to the surface owner(s)

10.

Operator Application Certification:

I hereby certify that the information and attachments submitted with this application are true, accurate and complete to the best of my knowledge and belief.

Name (Print): Kristen Houston Title: Regulatory Advisor
Signature: *Kristen Houston* Date: 5/20/2025
e-mail address: Kristen.houston@exxonmobil.com Telephone: (432)894-1588

11.

OCD Representative Signature: *Victoria Venegas* Approval Date: 07/17/2025

Title: Environmental Specialist OCD Permit Number: 2RF-122

- ☒ OCD Conditions
- ☒ Additional OCD Conditions on Attachment

PLU South FRAC PIT

LEAK DETECTION DATA

Procedure for Performing Monthly Leak Detection Test for NCFR(Non-commercial fluid recycling) Pits

- 1) Drain sump to establish a zero baseline and note time
- 2) After 24 hours, drain sump and note volume of water recovered

EAST PIT: Brackish Water						
Month	Action	Date	Pump Time	Volume Recovered from Sump (gal)	Meter Start/Stop	NOTES:
Jan-24	INITIAL Pond Drain	01/05/24			-	
	24 HR Leak Detection		24hr	265	265.00	
	INITIAL Pond Drain	01/11/24			-	
	24 HR Leak Detection		24hr	468	468.00	
	INITIAL Pond Drain	01/19/24			-	
Feb-24	24 HR Leak Detection		24hr	443	443.00	
	INITIAL Pond Drain	01/30/24			-	
	24 HR Leak Detection		24hr	305	305.00	
	INITIAL Pond Drain	02/09/24			-	
	24 HR Leak Detection		24hr	undetermined amount	undetermined amount	
	INITIAL Pond Drain	02/15/24			-	
	24 HR Leak Detection		24hr	undetermined amount	undetermined amount	
	INITIAL Pond Drain	02/19/24			-	
	24 HR Leak Detection		24hr	undetermined amount	undetermined amount	
	INITIAL Pond Drain	02/28/24			-	
Mar-24	24 HR Leak Detection		24hr	226	226.00	
	INITIAL Pond Drain	03/06/24			-	
	24 HR Leak Detection		24hr	384	384.00	
	INITIAL Pond Drain	03/11/24			-	
	24 HR Leak Detection		24hr	200	200.00	
	INITIAL Pond Drain	03/17/24			-	
	24 HR Leak Detection		24hr	1,014	1,014.00	
	INITIAL Pond Drain	03/24/24			-	
	24 HR Leak Detection		24 Hr	0	-	
Apr-24	INITIAL Pond Drain	04/02/24			-	
	24 HR Leak Detection		24HR	335	335.00	
	INITIAL Pond Drain	04/06/24			-	
	24 HR Leak Detection		24hr	368	368.00	
	INITIAL Pond Drain	04/16/24			-	
	24 HR Leak Detection		24hr	483	483.00	
	INITIAL Pond Drain	04/19/24			-	
	24 HR Leak Detection		24 hr	200	200.00	

May-24	INITIAL Pond Drain	05/04/24			200		-	
	24 HR Leak Detection		24hr				200.00	
	INITIAL Pond Drain	05/11/24			766		-	
	24 HR Leak Detection		24hr				766.00	
	INITIAL Pond Drain	05/17/24			900		-	
	24 HR Leak Detection		24hr				900.00	
Jun-24	INITIAL Pond Drain	05/26/24			864		-	
	24 HR Leak Detection		24hr				864.00	
	INITIAL Pond Drain	06/03/24			773		-	
	24 HR Leak Detection		24hr				773.00	
	INITIAL Pond Drain	06/11/24			943		-	
	24 HR Leak Detection		24hr				943.40	
Jul-24	INITIAL Pond Drain	06/16/24			240		-	
	24 HR Leak Detection		24hr				240.00	
	INITIAL Pond Drain	06/30/24			155		-	
	24 HR Leak Detection		24hr				155.00	
	INITIAL Pond Drain	07/07/24			221		-	
	24 HR Leak Detection		24hr				221.00	
Aug-24	INITIAL Pond Drain	07/14/24			320		-	
	24 HR Leak Detection		24hr				320.00	
	INITIAL Pond Drain	07/22/24			326		-	
	24 HR Leak Detection		24hr				326.00	
	INITIAL Pond Drain	07/28/24			150		-	
	24 HR Leak Detection		24hr				150.00	
Sep-24	INITIAL Pond Drain	08/05/24			228		-	
	24 HR Leak Detection		24hr				228.00	
	INITIAL Pond Drain	08/11/24			75		-	
	24 HR Leak Detection		24hr				75.00	
	INITIAL Pond Drain	08/21/24			5,539		-	
	24 HR Leak Detection		24hr				5,539.00	
Oct-24	INITIAL Pond Drain	08/25/24			120		-	
	24 HR Leak Detection		24hr				120.00	
	INITIAL Pond Drain	09/02/24			67		-	
	24 HR Leak Detection		24hr				66.50	
	INITIAL Pond Drain	09/10/24			189		-	
	24 HR Leak Detection		24hr				189.00	
	INITIAL Pond Drain	09/17/24			365		-	
	24 HR Leak Detection		24hr				365.00	
	INITIAL Pond Drain	09/26/24			331		-	
	24 HR Leak Detection		24hr				331.00	
	INITIAL Pond Drain	10/07/24			498		-	
	24 HR Leak Detection		24hr				498.00	
	INITIAL Pond Drain	10/17/24			119		-	
	24 HR Leak Detection		24hr				119.00	
	INITIAL Pond Drain	10/24/24			981		-	
	24 HR Leak Detection		24hr				981.00	
	INITIAL Pond Drain	10/30/24			82		-	
	24 HR Leak Detection		24hr				82.00	

Nov-24	INITIAL Pond Drain	11/06/24			0	-	
	24 HR Leak Detection		24hr			-	
	INITIAL Pond Drain	11/13/24			120	-	
	24 HR Leak Detection		24hr			120.00	
	INITIAL Pond Drain	11/19/24			199	-	
	24 HR Leak Detection		24hr			199.00	
Dec-24	INITIAL Pond Drain	11/29/24			365	-	
	24 HR Leak Detection		24hr			365.00	
	INITIAL Pond Drain	12/07/24			120	-	
	24 HR Leak Detection		24hr			120.00	
	INITIAL Pond Drain	12/14/24			120	-	
	24 HR Leak Detection		24hr			120.00	
	INITIAL Pond Drain	12/22/24			146	-	
	24 HR Leak Detection		24hr			146.00	
	INITIAL Pond Drain	12/28/24			131	-	
	24 HR Leak Detection		24hr			131.00	

West PIT: Recycled Produced Water

Month	Action	Date	Pump Time	Volume Recovered from Sump (gal)	Meter Start/Stop	NOTES:
Jan-24	INITIAL Pond Drain	01/05/24		226	-	
	24 HR Leak Detection		24hr		226.00	
	INITIAL Pond Drain	01/11/24		249	-	
	24 HR Leak Detection		24hr		249.00	
	INITIAL Pond Drain	01/19/24		985	-	
	24 HR Leak Detection		24hr		985.00	
Feb-24	INITIAL Pond Drain	01/30/24		334	-	
	24 HR Leak Detection		24hr		334.00	
	INITIAL Pond Drain	02/09/24		0	-	
	24 HR Leak Detection		24hr		-	
	INITIAL Pond Drain	02/15/24		200	-	
	24 HR Leak Detection		24hr		199.80	
Mar-24	INITIAL Pond Drain	02/19/24		206	-	
	24 HR Leak Detection		24hr		206.00	
	INITIAL Pond Drain	02/28/24		18	-	
	24 HR Leak Detection		24hr		18.00	
	INITIAL Pond Drain	03/06/24		344	-	
	24 HR Leak Detection		24hr		344.00	
	INITIAL Pond Drain	03/11/24		426	-	
	24 HR Leak Detection		24hr		426.00	
	INITIAL Pond Drain	03/17/24		>1	-	
	24 HR Leak Detection		24hr		>1	
	INITIAL Pond Drain	03/24/24		189	-	
	24 HR Leak Detection		24 Hr		189.00	
	INITIAL Pond Drain	04/02/24	24HR	545	-	

Apr-24	24 HR Leak Detection INITIAL Pond Drain	04/06/24			545.00	
	24 HR Leak Detection		24hr	268	-	
	INITIAL Pond Drain	04/16/24			268.00	
	24 HR Leak Detection		24hr	344	-	
	INITIAL Pond Drain	04/19/24			344.00	
May-24	24 HR Leak Detection		24 hr	250	-	
					250.00	
	INITIAL Pond Drain	05/04/24		150	-	
	24 HR Leak Detection		24hr		150.00	
	INITIAL Pond Drain	05/11/24		139	-	
Jun-24	24 HR Leak Detection		24hr		139.00	
	INITIAL Pond Drain	05/17/24		603	-	
	24 HR Leak Detection		24hr		603.00	
	INITIAL Pond Drain	05/26/24		222	-	
	24 HR Leak Detection		24hr		222.00	
Jul-24	INITIAL Pond Drain	06/03/24		279	-	
	24 HR Leak Detection		24hr		279.00	
	INITIAL Pond Drain	06/11/24		217	-	
	24 HR Leak Detection		24hr		217.00	
	INITIAL Pond Drain	06/16/24		0	-	
Aug-24	24 HR Leak Detection		24hr		-	
	INITIAL Pond Drain	06/30/24		240	-	
	24 HR Leak Detection		24hr		240.00	
	INITIAL Pond Drain	07/07/24		190	-	
	24 HR Leak Detection		24hr		190.00	
Sep-24	INITIAL Pond Drain	07/14/24		0	-	
	24 HR Leak Detection		24hr		-	
	INITIAL Pond Drain	07/22/24		419	-	
	24 HR Leak Detection		24hr		419.00	
	INITIAL Pond Drain	07/28/24		115	-	
Oct-24	24 HR Leak Detection		24hr		115.00	
	INITIAL Pond Drain	08/05/24		127	-	
	24 HR Leak Detection		24hr		127.00	
	INITIAL Pond Drain	08/11/24		60	-	
Nov-24	24 HR Leak Detection		24hr		60.00	
	INITIAL Pond Drain	08/21/24		898	-	
	24 HR Leak Detection		24hr		898.00	
	INITIAL Pond Drain	08/25/24		167	-	
	24 HR Leak Detection		24hr		167.00	
Dec-24	INITIAL Pond Drain	09/02/24		98	-	
	24 HR Leak Detection		24hr		98.00	
	INITIAL Pond Drain	09/10/24		120	-	
	24 HR Leak Detection		24hr		120.00	
	INITIAL Pond Drain	09/17/24		234	-	
Jan-25	24 HR Leak Detection		24hr		234.00	
	INITIAL Pond Drain	09/26/24		219	-	
	24 HR Leak Detection		24hr		219.00	

Oct-24	INITIAL Pond Drain	10/07/24			96	-	-
	24 HR Leak Detection			24hr		96.00	
	INITIAL Pond Drain	10/17/24			119	-	
	24 HR Leak Detection			24hr		119.00	
	INITIAL Pond Drain	10/24/24			398	-	
	24 HR Leak Detection			24hr		398.00	
Nov-24	INITIAL Pond Drain	10/30/24			234	-	
	24 HR Leak Detection			24hr		234.00	
	INITIAL Pond Drain	11/06/24			150	-	
	24 HR Leak Detection			24hr		150.00	
	INITIAL Pond Drain	11/13/24			0	-	
	24 HR Leak Detection			24hr		-	
Dec-24	INITIAL Pond Drain	11/19/24			378	-	
	24 HR Leak Detection			24hr		378.00	
	INITIAL Pond Drain	11/29/24			228	-	
	24 HR Leak Detection			24hr		228.00	
	INITIAL Pond Drain	12/07/24			120	-	
	24 HR Leak Detection			24hr		120.00	
	INITIAL Pond Drain	12/14/24			120	-	
	24 HR Leak Detection			24hr		120.00	
	INITIAL Pond Drain	12/22/24			88	-	
	24 HR Leak Detection			24hr		88.00	
	INITIAL Pond Drain	12/28/24			103	-	
	24 HR Leak Detection			24hr		103.00	

Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Thursday, July 17, 2025 10:32 AM
To: Houston, Kristen /C
Subject: 2RF-122 - PLU SOUTH RECYCLING FACILITY ID [fAB1805849298]
Attachments: C-147 2RF-122 - PLU SOUTH RECYCLING FACILITY ID [fAB1805849298] 07.17.2025.pdf

2RF-122 - PLU SOUTH RECYCLING FACILITY ID [fAB1805849298]

Good morning Ms. Houston.

NMOCD has reviewed the annual registration /permit extension request for 2RF-122 - PLU SOUTH RECYCLING FACILITY ID [fAB1805849298] received from [373075] XTO PERMIAN OPERATING LLC on 07/07/2025, Application ID **482124**. The registration/permit extension request is approved with the following conditions of approval:

- 2RF-122 - PLU SOUTH RECYCLING FACILITY ID [fAB1805849298] is approved for one (1) year of operation from the date of the previous registration/permit expiration date of February 27, 2025. The new registration/permit expiration date is February 27, 2026.
- [373075] XTO PERMIAN OPERATING LLC will continue to operate, maintain, and close the for 2RF-2RF-122 - PLU SOUTH RECYCLING FACILITY ID [fAB1805849298] in compliance with 19.15.34 NMAC, to include but not limited to the performance of weekly inspections regardless of fluid levels in the containment; recording of detailed inspection reports; removal of debris, foreign objects and oil from the containment; and monthly reporting of recycling and reuse of produced water, drilling fluids, and liquid oil field waste via from C-148.
- [373075] XTO PERMIAN OPERATING LLC will maintain a liquid level in the containment that is at least equal to the weight of the liner plus 20%. [373075] XTO PERMIAN OPERATING LLC may maintain a higher liquid level if they choose.
- If less than 20% of the total fluid capacity is utilized every consecutive six months, operation of the facility is considered ceased and a notification of cessation of operations should be sent electronically through OCD Permitting. An extension to extend the cessation of operations, not to exceed six months, may be submitted using a C-147 form through the OCD Online system.
- If after that 6-month extension period, the containment is not utilized at a minimum of 20% fluid capacity, no additional extensions would be granted, and the operator would be directed to remove all fluids and proceed with the closure requirements.
- The recycling containment is bonded pursuant to 19.15.8 NMAC per 19.15.34.15(A)(2) NMAC. Water reused and recycled from 2RF-122 - PLU SOUTH RECYCLING FACILITY ID [fAB1805849298] is limited to wells owned or operated by [373075] XTO PERMIAN OPERATING LLC.
- A minimum of 3-feet freeboard must be maintained in the recycling containment at all times.
- [373075] XTO PERMIAN OPERATING LLC will comply with 19.15.29 NMAC Releases in the event of any release of produced water or produced water or other oil field wastes at for 2RF-122 - PLU SOUTH RECYCLING FACILITY ID [fAB1805849298]. [373075] XTO PERMIAN OPERATING LLC will comply with all other OCD rules.
- [373075] XTO PERMIAN OPERATING LLC must perform weekly inspections of the containment and leak detection system.
- If [373075] XTO PERMIAN OPERATING LLC wishes to extend the registration/permit past February 27, 2026, a registration/permit extension request must be submitted to OCD. Extension requests are reviewed on a case-by-case basis and evaluated on their merit. Extensions are considered for a maximum length of one year. Additional requests must be submitted to OCD through OCD Online on a Form C-147 (long form) as an Extension request and should include a formal extension request letter, a summary of the prior

registration/permit period inspection reports, and the copies of the detailed inspection records for the prior permit period. The extension request should be submitted no later than January 27, 2026.

Please let me know if you have any additional questions.

Best regards,

Victoria Venegas ● Environmental Specialist Advanced
EMNRD - Oil Conservation Division
506 W. Texas Ave. Artesia, NM 88210
575.909.0269 | Victoria.Venegas@emnrd.nm.gov

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 482124

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 482124
	Action Type: [C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	• 2RF-122 - PLU SOUTH RECYCLING FACILITY ID [fAB1805849298] is approved for one (1) year of operation from the date of the previous registration/permit expiration date of February 27, 2025. The new registration/permit expiration date is February 27, 2026. • If [373075] XTO PERMIAN OPERATING LLC wishes to extend the registration/permit past February 27, 2026, a registration/permit extension request must be submitted to OCD no later than January 27, 2026.	7/17/2025