

Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Friday, March 26, 2021 10:37 AM
To: Rabadue, Stephanie K
Subject: 2RF-155 Shanghai Containment. Conditions of Approval
Attachments: C-147 Signed-XTO Shanghai 1.pdf

2RF-155 Shanghai Containment. Conditions of Approval.

Ms. Rabadue,

The NMOCD has reviewed the recycling containment permit application and related documents, submitted by XTO PERMIAN OPERATING LLC. [373075] on May 22, 2019, for the Shanghai Containment in Unit Letter F, Section 22, T-25S, R-29E, Eddy County, New Mexico. The NMOCD has assigned the Administrative Order number **2RF-155 Shanghai Containment**.

The following requested variances have been approved:

- The variance to 19.15.34.13 D NMAC for the installation around the entire facility of an eight (8) foot high game fence with three (3) strands of barbed wire on top to deter wildlife and human access is approved
- The variance to 19.15.34.13 E NMAC for the installation of an audible bird deterrence system, a Bird-X Mega-Blaster, is approved.
- The variance to 19.15.34.12 A (4) NMAC for the installation on the earthen containments of a 40-mil non-reinforced HDPE secondary liner is approved. The proposed liner system cross section is as follows: prepare subgrade, 8 oz. geotextile, 40-mil HDPE, single sided 200-mil geonet, 60-mil HDPE (smooth on bottom, textured on slopes).

The Form C-147 form and supporting documents submitted for registering and permitting the 2RF-155 Shanghai Containment is approved with the following conditions of approval:

- XTO PERMIAN OPERATING LLC. [373075] shall construct, operate, maintain, close, and reclaim 2RF-155 Shanghai Containment in compliance with 19.15.34 NMAC, including, but not limited to, the performance of containment inspections; 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.
- 2RF-155 Shanghai Containment is approved for five (5) years of operation from the date of permit application. OCD received the permit application on May 22, 2019. The Zia Hills Superman Recycling Facility and Containment permit expires on May 22, 2024. If XTO PERMIAN OPERATING LLC. [373075] wishes to extend operations past five (5) years, an annual permit extension request must be submitted using an OCD form C-147 via [OCD Online](#) by April 22, 2024.
- XTO PERMIAN OPERATING LLC. [373075] shall notify OCD when recycling operations commence and cease at 2RF-155 Shanghai Containment.
- Water reuse and recycling from 2RF-155 Shanghai Containment is limited to wells owned or operated by XTO PERMIAN OPERATING LLC. [373075].
- A minimum of 3-feet freeboard must be maintained in all the recycling containments, both earthen and steel tank, at all times during operations.

- XTO PERMIAN OPERATING LLC. [373075] shall provide OCD with the calculations for the operational total fluid capacity of each of the containments within 30 days of receiving produced water in the containment. The operational fluid capacity is the total volume of the containment, minus the volume not utilized due to the freeboard.
- If less than 20% of the total fluid capacity is utilized every six months, beginning from the first withdraw, operation of the facility is considered ceased and notification of cessation of operations should be sent electronically to OCD.Enviro@state.nm.us. An extension to extend the cessation of operation, not to exceed six months, may be submitted using a C-147 form via [OCD Online](#).
- XTO PERMIAN OPERATING LLC. [373075] shall submit monthly reports of recycling and reuse of produced water, drilling fluids, and liquid oil field waste through [OCD Online](#) on form C-148. (Form C-148 is available for download at the OCD website at <http://www.emnrd.state.nm.us/OCD/forms.html>.)
- XTO PERMIAN OPERATING LLC. [373075] shall comply with 19.15.29 NMAC Releases in the event of any release of produced water or other oil field wastes at 2RF-155 Shanghai Containment.

The facility has been assigned an OCD Administrative Order number 2RF-155. Please reference this number in all future communications, modifications, and notices related to 2RF-155 Shanghai Containment and for monthly reporting of recycling and reuse of produced water, drilling fluids and liquid oil field waste. A copy of the approved C-147 forms for 2RF-155 Shanghai Containment is available through the OCD Imaging system at: <https://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pVV2103455626>

Please do not hesitate to contact me if you have further questions or concerns.
Regards,

Victoria Venegas • Environmental Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

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