



Texas Commission on Environmental Quality (TCEQ) Program Report to the Texas Radiation Advisory Board (TRAB) July 11, 2025, TRAB Meeting

The TCEQ's Radioactive Materials Division (RMD) licenses low-level radioactive waste disposal (including legacy buried waste sites), by-product material disposal, alternative methods of disposal of radioactive material, radioactive waste storage and processing, and in-situ uranium recovery operations, including underground injection well permits.

Low-Level Radioactive Waste Disposal

RMD licenses Waste Control Specialists (WCS) in Andrews for the treatment, storage, processing, and disposal of low-level radioactive waste. Technical review of the WCS license renewal application and minor amendment application is ongoing.

Los Alamos National Laboratory Transuranic Waste

Movement of the remaining Los Alamos National Laboratory transuranic waste from storage in the Federal Waste Facility to Bin Storage Area 1 began on March 11, 2024. The waste drums will be prepared for shipment offsite to the U.S Department of Energy's Waste Isolation Pilot Plant (WIPP) in New Mexico.

By-product Material Disposal

Operation of the by-product material disposal facility continues under WCS' current by-product license. By license condition, the by-product disposal operation is limited to receiving only the Fernald, Ohio by-product waste. RMD reviews WCS' environmental monitoring reports and related data.

RMD licenses three legacy conventional uranium milling sites whose tailings impoundment waste is classified as by-product material. These three sites will ultimately be transferred to the Department of Energy (DOE) for long-term care and maintenance.

- ConocoPhillips - Conquista: a major amendment has been declared technically complete and is in the comment period.
- ExxonMobil - Ray Point: a draft Completion Review Report (CRR) has been submitted to the Nuclear Regulatory Commission (NRC) and is under review.
- Panna Maria: RMD resubmitted the draft CRR to the NRC on April 17, 2025 and awaiting a response from the NRC.



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Radioactive Waste Storage and Processing

RMD licenses Nuclear Sources & Services, Inc. (NSSI) and WCS for radioactive waste storage and processing. A notice of completion of technical review for the NSSI renewal application has been issued.

Uranium Mining and Processing Operations

RMD licenses the following uranium mining and recovery operations:

- five sites for in-situ mining operations,
- one site for processing operations, and
- three sites for both in-situ mining and processing operations.

Current actions for licensed sites:

- The updated renewal and major amendment application for enCore's Alta Mesa Project was received on February 16, 2024, and is under technical review.

RMD permits Class III underground injection well operations for in-situ uranium recovery. Current permitting actions:

- Uranium Energy Corp's (UEC)
 - Burke Hollow Project UR03090 (active site - Class III Area Permit renewal in progress - production planned to begin October 2025)
 - Goliad Project UR03075 (active site - Class III Area Permit renewal in progress – no production yet)
- enCore
 - Rosita Project UR02880 (active site – Class III Area Permit renewal in progress – PAA5 currently producing, PAA3 in standby mode)
 - Alta Mesa Project UR03060 (active site – Class III Area Permit renewal in progress – PAA7 currently producing, amendment issued April 11, 2025)
 - Upper Spring Creek ISR Project (active site – PAA1 application review in progress)