

HAZARDOUS WASTE MANAGEMENT PERMIT REISSUED TO U.S. DEPARTMENT OF ENERGY

The Tennessee Department of Environment and Conservation (TDEC) Division of Solid Waste Management (DSWM) has reissued a hazardous waste management permit to the U.S. Department of Energy (DOE) for the Oak Ridge National Laboratory (ORNL) facility. The facility (EPA ID TN1890090003) is located in Roane County at 1 Bethel Valley Road, Oak Ridge, Tennessee 37831. This facility is owned by DOE. DOE is the operator of this permit along with United Cleanup Oak Ridge LLC (UCOR) as a co-operator. This decision follows a 45-day public comment period on the draft permit that ended on August 2, 2025. No comments were received from the public during the comment period, and no citizens attended the public hearing held on July 22, 2025. A [Response to Comments](#) was issued to address comments submitted by UCOR.

The renewal permit TNHW-200 (formerly TNHW-145) allows the facility to continue to store and treat hazardous waste with no changes in the storage and treatment capacity. The seven storage units in the Transuranic (TRU) storage areas are: Buildings 7572 (220,000 gal), 7855 (96,433 gal), 7860A (46,612 gal), 7883 (96,433 gal), 7574 (94,800 gal), 7879 (114,708 gal), and 7831F (7,920 gal). The eight storage areas at the TRU Waste Processing Centre (TWPC) are: Contact Handled Staging Area (22,000 gal), Waste Processing Building first floor (5,500 gal) and second floor (11,000 gal), Drum Aging Criteria and Drum Venting Building (11,000 gal), Container Storage Area (72,600 gal), Contact Handled Marshalling Building (145,420 gal), and Multi-Purpose Building (141,240). The combined total storage capacity for all 15 locations is 1,085,666 gallons.

The nine treatment processes performed at TWPC are: Macroencapsulation (9,350 gals/year), Amalgamation (10 lbs/hour), Solidification/Stabilization (50 gals/hour of liquids and 55 gals/24 hours of solids), Groundwater Absorption (825 gals/24 hours), Size Reduction (2,255 gals/24 hours), Groundwater Filtration (5,000 gals/year), Neutralization (5 gals/24 hours), Oxidation/Deactivation (2.2 pounds/24 hours), and Puncturing Potentially Pressurized Containers (55 gals/24 hours).

Solid waste management units (SWMUs) and Areas of Concern (AOCs) at the Oak Ridge Reservation, including previous or ongoing investigations or corrective actions for all releases of hazardous wastes or hazardous constituents, are addressed separately in DOE's site-wide corrective action permit. The conditions of the corrective action permit require that any future and existing SWMUs or AOCs be evaluated for potential releases and remediation, as necessary. The conditions require notification of imminent hazards, and when applicable, compliance with the requirements developed under land disposal restrictions and organic emission standards.

The permit is issued under Tennessee Code Annotated, Section 68-212-101 et seq., and Tennessee Rule Chapter 0400-12-01, Hazardous Waste Management. The permit is effective as of September 25, 2025, and shall remain in effect until September 25, 2035, unless continued, revoked and reissued, or terminated under applicable regulations.

Electronic copies of the permit including the [Response to Comments](#) document are available online at tn.gov/environment/program-areas/solid-waste/hazardous-waste-management and at the DSWM Central Office, located at the Davy Crockett Tower 7th Floor, 500 James Robertson Parkway, Nashville, TN 37243 (615-532-0780) and at the TDEC Knoxville Environmental Field Office located at 3711 Middlebrook Pike, Knoxville, TN 37921 (865-594-6035). A copy of the

permit is available for public inspection at the Oak Ridge Public Library, 1401 Oak Ridge Turnpike, Oak Ridge, TN 37830 (865-425-3455).

TDEC is an Equal Employment Opportunity/Affirmative Action (EEO/AA) employer. TDEC does not unlawfully discriminate on any basis prohibited by applicable law in any of its programs, services, or activities.

EEO/AA/ADAAA inquiries or complaints may be directed to the ADAAA Coordinator, TDEC HR Division, at 615-532-0200. Hearing-impaired callers may use the Tennessee Relay Service (800-848-0298).

If it is hard for you to read, speak, or understand English, TDEC may be able to provide translation or interpretation services free of charge. Please contact 615-532-0780 for more information.

If you would like to receive notices like this directly, contact the Public Participation Officer in DSWM's Central Office for a Mailing List Request Form. Email Solid.Waste@tn.gov or call 615-532-0963.

RIGHTS OF APPEAL

The administrative and judicial review of this final permit is pursuant under the Tennessee Uniform Administrative Procedures Act, T.C.A. Sections 4-5-317 and 4-5-322 and the Hazardous Waste Management Act, T.C.A. §68-212-113 and Tennessee Rule 0400-12-01-.07(7)(k).

NOTICE ISSUED: November 12, 2025

