

## **Conditional Approval of the Site Treatment Plan (STP) Annual Update for Mixed Waste on the U.S. Department of Energy Oak Ridge Reservation**

The Tennessee Department of Environment and Conservation (TDEC) Division of Solid Waste (DSWM) and Division of Remediation – Oak Ridge (DoR-OR) are committed to ensuring the safe and effective treatment of mixed waste on the U.S. Department of Energy (DOE) Oak Ridge Reservation (ORR). The Department of Energy (DOE) prepared the Oak Ridge Site Treatment Plan (STP) for developing treatment capacities and technologies across the ORR. The STP delineates how DOE will treat the Site's mixed wastes or develop/modify technologies when necessary to address generated and stored mixed waste at the Site, under Section 3021(b) of the Resource Conservation and Recovery Act (RCRA), as amended in the Federal Facility Compliance Act (FFCA). DOE and TDEC are parties to this agreement. OREM is located at 200 Administration Road Oak Ridge, TN 37831.

Following the receipt of the [Annual Update, Version 28.0, of the Site Treatment Plan \(STP\)](#) and the Semiannual Progress Report, TDEC has concluded under STP Section 2.5.1 that the proposed changes to the overall schedules and technology development approach not previously included in this STP constitute an STP revision. Specifically, DOE has proposed to extend a target for providing a preliminary (60%) design for the sludge processing facility by six (6) years to allow for evaluation of current technologies and technology maturation availabilities, as well as other treatment methods to ensure OREM is pursuing the best available means and methods to deal with the stored sludge volumes safely and effectively. This review process included an extension of the review period for thirty (30) working days, with additional extensions agreed upon to facilitate the incorporation of necessary changes to the mixed [Transuranic \(TRU\) Sludge milestones](#).

As stipulated in Section 2.5.2.1 of the STP, conditional approval of revisions to the STP is based on the determination that the revisions are acceptable, subject to the results of public comment and consultation with affected states and the Environmental Protection Agency (EPA). In line with this, and following our review, TDEC has conditionally approved the Annual Update to the STP, specifically concerning the revised mixed TRU Sludge milestones. These revisions are crucial for aligning with shared objectives and regulatory requirements, ensuring the safety and efficiency of mixed waste treatment processes on the ORR.

To fulfill the requirements of Section 2.5.2.2, of the STP, TDEC is publishing this notice of availability of the revised STP for public review and comment. Additionally, the revised STP will be made available to affected states and the EPA for consideration and consultation. Final approval of these revisions will be determined within six months after TDEC's receipt of the proposed revision, under the stipulated review process.

Furthermore, consistent with Section 2.5.3 of the STP, TDEC will engage in consultation with affected states and the EPA and seek public comments on the conditionally approved revisions. This is to ensure that all stakeholders have the opportunity to contribute to the decision-making process, enhancing transparency and collaboration in the management of mixed waste on the ORR.

Following Section 2.8.5.2 of the STP, it is acknowledged that any milestones or target dates that are dependent upon the results of this deliverable review may be subject to adjustment. The DOE will provide written notification to TDEC of any necessary amendments to enforceable milestones or revisions to target dates, ensuring compliance with the conditions of approval.

TDEC remains dedicated to working collaboratively with the DOE, affected states, the EPA, and the public to ensure the safe and responsible treatment of mixed waste. We encourage public participation in this process and look forward to receiving valuable feedback on the proposed revisions to the STP.

Electronic copies of the conditional approval for the STP can be accessed online at <https://www.tn.gov/environment/notices/dae-stp> Paper copies are available for review at The Oak Ridge Public Library, 1401 Oak Ridge Turnpike, Oak Ridge, TN 37830; DoR-OR Office, 761 Emory Valley Road, Oak Ridge, TN 37830. Phone: (865) 481-0995; Knoxville Environmental Field Office, 3711 Middlebrook Pike, Knoxville, TN 37921. Phone: 865-594-6035; and the DSWM Central Office located at the Davy Crockett Tower, 500 James Robertson Parkway, Nashville, TN 37243. Normal state office hours are 8:00 a.m. to 4:30 p.m. on weekdays, excluding legal holidays.

The public is invited to submit written comments on the STP Semi-Annual Progress Report during a 60-day comment period, ending on August 5, 2024. To comment, contact Kristof Czartoryski at 865-250-9705 or [Kristof.Czartoryski@tn.gov](mailto:Kristof.Czartoryski@tn.gov) or Revendra Awasthi at 865-306-1862 or [Revendra.Awasthi@tn.gov](mailto:Revendra.Awasthi@tn.gov). Comments must be received by 4:30 p.m. EST on Monday, July 29, 2024, to assure consideration.

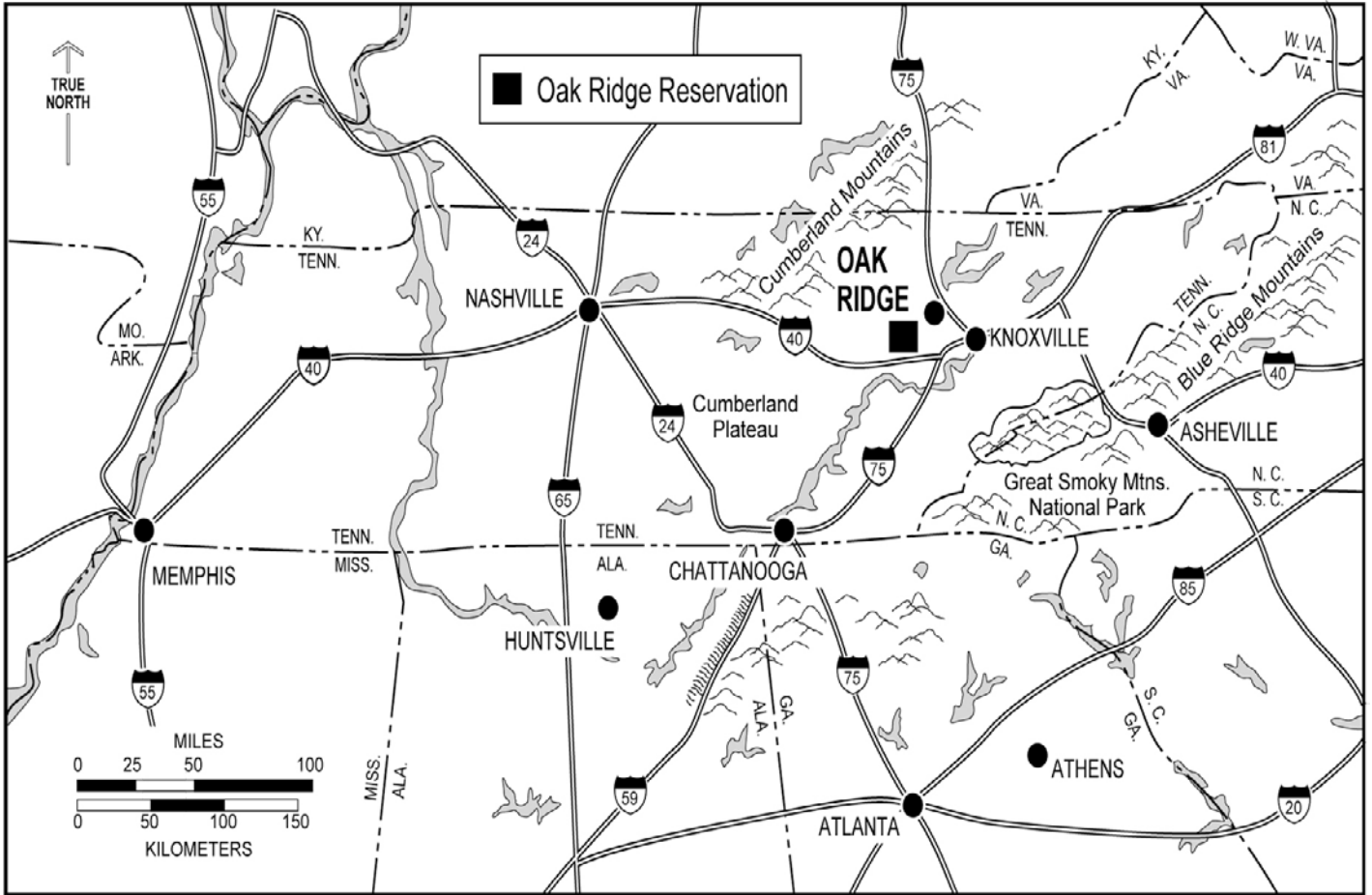
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If it is hard for you to read, speak, or understand English, TDEC may be able to provide translation or interpretation services free of charge. Please contact Janelle Starke at 615-906-2950 for more information.

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](mailto:Solid.Waste@tn.gov) or call 615-532-0780.

**NOTICE ISSUED: June 5, 2024.**



**KEY**

- - - DOE Boundary
- · - · - Oak Ridge City Boundary
- · · · · County Boundaries

