



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Remediation, Oak Ridge Office
761 Emory Valley Road
Oak Ridge, Tennessee 37830

RECEIVED
JUN 30 2025
COUNTY MAYOR'S OFFICE

June 25, 2025

Mr. Roger Petrie
Federal Facility Agreement Manager
Oak Ridge Office of Environmental Management
U.S. Department of Energy
Post Office Box 2001
Oak Ridge, Tennessee 37831

TDEC Approval: Baseline Groundwater Monitoring Report for the Environmental Monitoring at the Environmental Management Waste Management Facility, Oak Ridge, Tennessee (DOE/OR/01-2021&D5)

Dear Mr. Petrie

The Tennessee Department of Environment and Conservation (TDEC) Division of Remediation – Oak Ridge Office (DoR-OR) reviewed the subject baseline groundwater monitoring report in accordance with the [Federal Facility Agreement \(FFA\) for the Oak Ridge Reservation](#). The State approves this document and supports prompt integration of the baseline/evaluation values into the Environmental Management Waste Management Facility (EMWMF) detection monitoring program.

The revised baseline data will support improvements in the evaluation of potential impacts to groundwater from landfill operations. This will reduce uncertainties and bolster confidence in the long-term protectiveness of the EMWMF. The correction of the 0.005 µg/L MCL for lead in Section 3.1.5 is noted and appreciated, though this value does not appear to have been updated in Table 1 (Baseline/Evaluation Values for Key COCs).

TDEC understands the U.S. Department of Energy is revising the Sampling and Analysis Plan/Quality Assurance Project Plan (SAP/QAPP) to comply with legal requirements for managing landfill wastewater discharges in accordance with the U.S. Environmental Protection Agency (EPA) Administrator's December 31, 2020, [decision](#). TDEC also understands the detection monitoring program described in the SAP/QAPP will incorporate the revised groundwater baseline/evaluation values.

Questions or comments concerning the contents of this correspondence should be directed to Brad Stephenson at the above address, by phone at 865-352-1235, or by email at brad.stephenson@tn.gov.

Sincerely

Randy Young

Digitally signed by Randy
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Randy C. Young
FFA Project Manager
Division of Remediation – Oak Ridge Office

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