

NOTICE OF INTENT TO REISSUE A HAZARDOUS WASTE MANAGEMENT PERMIT TO U.S. DEPARTMENT OF ENERGY'S OAK RIDGE NATIONAL LABORATORY

The Tennessee Department of Environment and Conservation's (TDEC) Division of Solid Waste Management (DSWM) proposes to reissue a hazardous waste management permit to U.S. Department of Energy (DOE), Oak Ridge National Laboratory (ORNL), to continue to store and treat hazardous mixed waste in containers at its facility located on Bethel Valley Road in Oak Ridge, Roane and Anderson Counties, TN 37831. This action follows the Pre-Application Public Meeting conducted by the facility on November 22, 2004, as required by Tennessee Rule 1200-1-11-.07(2)(c)3(i). No comments were received at this meeting.

ORNL (EPA ID No.: TN1 89 009 0003) is currently permitted under Tennessee Permit Number TNHW-010A. The original permit, issued on May 30, 1995, was effective for ten years. DOE submitted a Part A and Part B Application to DSWM for renewal of the facility's hazardous waste management permit on November 29, 2004, thus enabling the facility to continue to operate under the current permit until a final decision is made. This current permit allowed the facility to store a maximum quantity of 154,880 gallons of hazardous waste in containers in eleven storage areas (Buildings 7651, 7652, 7653, 7654, 7507, 7507W, 7668, 7669, 7934, and Portable Unit No. 1, and Portable Unit No. 2). This permit was later modified to add treatment. The maximum quantity of hazardous waste to be treated in each hazardous waste container unit by neutralization is 1,102 lb/day and by stabilization of peroxide is 4.4 lb/day. The maximum quantity of absorbent to be added in each hazardous waste container unit is 2,204 lb/day. The maximum quantity of hazardous waste to treat water reactive alkaline metals in Portable Units 1 and 2 is 2.2 lb/day each.

The renewal application is for the continuance of storage and treatment in six of the remaining container storage areas (Buildings 7651, 7652, 7653, 7654, Portable Unit No. 1, and Portable Unit No. 2). Buildings 7507, 7507W, 7668, 7669, and 7934 have been certified closed. The total maximum quantity for storage of hazardous and mixed wastes in these six container storage areas is 48,620 gallons. The maximum quantity of hazardous waste to be treated per day is as above.

A [Fact Sheet](#) has been prepared that summarizes the draft permit requirements. If issued, the permit would be effective for ten years.

Solid waste management units (SWMUs) and Areas of Concern (AOCs) at the ORR, including previous or ongoing investigations or corrective actions for all releases of hazardous wastes or hazardous constituents, has been included in DOE's site-wide corrective action permit, TNHW-121, issued on September 28, 2004. The conditions of this permit require that any future and existing SWMUs or AOCs be evaluated for potential releases and remediation, as necessary. The conditions for both permits will require notification of imminent hazards, and when applicable, compliance with the requirements developed under land disposal restrictions and organic emission standards.

The permit is proposed to be reissued under the authority of the Tennessee Hazardous Waste Management Act of 1977, as amended, Tennessee Code Annotated, Section 68-212-101 et seq., and Rule Chapter 1200-1-11, Hazardous Waste Management.

Copies of the application, draft permit, Fact Sheet, and public notice are available for public inspection at: TDEC's Knoxville Environmental Field Office, Public Access Area, 3711 Middlebrook Pike, Knoxville, TN 37921 (865-594-6035); Oak Ridge Public Library, Civic Center, 1401 Oak Ridge Turnpike, Oak Ridge, TN (865-482-8455); Kingston Public Library, 1004 Bradford Way, Kingston, TN (865-376-9905); DOE Information Center, 475 Oak Ridge Turnpike, Oak Ridge, TN (865-576-0885); and TDEC Department of Energy Oversight Division Office, 761 Emory Valley Road, Oak Ridge, TN (865-481-0995). Normal state office hours are 8:00 a.m. to 4:30 p.m. on weekdays, excluding legal holidays.

Any interested person may submit written comments on DSWM's proposal or request a public hearing by contacting: Ms. Dilraj Mokha; Treatment, Storage and Disposal Section; Division of Solid Waste Management; TDEC; 5th Floor, L & C Tower; 401 Church Street; Nashville, TN 37243-1535; telephone 615-532-0821; or e-mail to Dilraj.Mokha@state.tn.us. The comments or request for a public hearing must be received by 4:30 p.m., November 5, 2007, to assure consideration. After considering all public comments received, the DSWM Director will issue a final permit decision and a Response to Comments.

TDEC is committed to principles of equal opportunity, equal access, and affirmative action. Contact the EEO/AA Coordinator at 1-888-867-7455 or the ADA Coordinator at 1-866-253-5827 for further information. Hearing impaired callers may use the Tennessee Relay Service (1-800-848-0298).

Persons who wish to be on DSWM's mailing list should request a Mailing List Request form by calling or writing: Public Participation Officer; Division of Solid Waste Management; TDEC; 5th Floor, L & C Tower; 401 Church Street; Nashville, TN 37243-1535 (615-532-0798); or e-mail Solid.Waste@state.tn.us.

NOTICE ISSUED: September 28, 2007