



# Public Involvement News

U.S. Department of Energy • Oak Ridge Office

January 2010

## Public Meetings

### Oak Ridge Site Specific Advisory Board

The Oak Ridge Site Specific Advisory Board (ORSSAB) will meet at 6 p.m., Wednesday, **January 13**, at the DOE Information Center. The meeting presentation will focus on technetium-99 in the K-25 Building at ETPP.

**Contact:** Pat Halsey, (865) 576-4025

**ORSSAB Support Office:** (865) 241-4583 or 241-4584

**Internet:** [www.oakridge.doe.gov/em/ssab/](http://www.oakridge.doe.gov/em/ssab/)

### Meeting Planned for ETPP Property Transfer

Your comments are encouraged on a draft Environmental Assessment (EA) under the National Environmental Policy Act that evaluates the potential impacts of transferring up to approximately 1,600 acres of DOE property located at East Tennessee Technology Park and surrounding area.

The proposed action is to convey (lease, easement, and/or title transfer) the property for economic development. Developable portions of the property would be marketed, sold, leased, or utilized by the Community Reuse Organization of East Tennessee, city of Oak Ridge, other agencies, or private entities for mixed use, including but not limited to, industrial, commercial, recreation, tourism (including historic preservation), and open space.

For a copy of the draft EA (DOE/EA-1640), please contact the DOE Information Center. An electronic copy of the document will also be available at the Information Center Web site: [www.oakridge.doe.gov/doecic](http://www.oakridge.doe.gov/doecic).

A public information session will be held Thursday, **January 14**, from 5 to 7 p.m. at the DOE Information Center. DOE representatives will be available to discuss this proposed action. No formal presentation is planned, and you may stop by any time during the session. Written comments should be sent by **January 29** to Susan Cange, DOE Oak Ridge Office (NS-50), P.O. Box 2001, Oak Ridge, TN 37831 or submitted by e-mail to [cangesm@oro.doe.gov](mailto:cangesm@oro.doe.gov).

**Contact:** Walter Perry, (865) 576-0885

### National Park System Meeting Planned

As part of the Manhattan Project Sites Special Resource Study, the National Park Service will host open houses from 1 to 3 p.m. and 6 to 8 p.m., Tuesday, **January 26**, at the DOE Information Center to obtain public input to evaluate the suitability and feasibility of designating one or more sites as National Park System units.

Congress has directed the Department of the Interior, in consultation with DOE, to conduct a study for the preservation and interpretation of four historic sites associated with the Manhattan Project: Los Alamos National Laboratory and townsite in New Mexico; Hanford Site in Washington; Oak Ridge Reservation in Tennessee; and sites in Dayton, Ohio.

This study will include a range of alternatives to examine various means of ensuring long-term preservation and interpretation of these sites. The study will result in final recommendations to Congress for appropriate levels of National Park Service involvement with these sites.

If you are unable to attend, you may submit your comments by visiting the Manhattan Project Sites Special Resource Study Web site at <http://parkplanning.nps.gov/mapr>.

**Contact:** Carla McConnell, National Park Service, (303) 969-2287

### Hazardous Waste Permit Mod Meeting

DOE Oak Ridge Office, Bechtel Jacobs Company LLC (BJC), and EnergX LLC have submitted a request to the Tennessee Department of Environment and Conservation (TDEC) for a modification to Permit Number TNHW 097 for the Oak Ridge National Laboratory (ORNL).

The modification will add or increase permitted storage capacity for ORNL Building 7860A; TRU Waste Processing Center (TWPC) unit WPF-1; TWPC unit WPF-5; and, TWPC unit WPF-6. The submittal also requested additional capacity for the existing TWPC macroencapsulation treatment process. A 60-day public comment period for this request ends **February 28**.

A public meeting on the request will be held at 6 p.m., Wednesday, **January 27**, at the DOE Information Center. The modification requests may be viewed at the Oak Ridge Public Library, 1401 Oak Ridge Turnpike, Oak Ridge.

Additional information, opinions, and inquiries may be directed to Ms. Dilraj Mokha; Treatment, Storage and Disposal Section; Division of Solid Waste Management; TDEC; 5th Floor, L & C Tower; 401 Church Street; Nashville, Tennessee 37243-1535; telephone (615) 532-0821; fax (615) 532-0886; or e-mail to [Dilraj.Mokha@tn.gov](mailto:Dilraj.Mokha@tn.gov).

**Contact:** Walter Perry, (865) 576-0885



# CERCLA Administrative Record

## New CERCLA Documents Available at the DOE Information Center —November/December 2009

*Addendum to Waste Handling Plan for Demolition of the K-25 and K-27 Building Structures and Remaining Components Located at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2167&D1/A1/R1)*

*Phased Construction Completion Report for Fiscal Year 2009 Earned Value for the K-25 and K-27 East Tennessee Technology Park, Oak Ride, Tennessee (DOE/OR/01-2436&D1)*

*Engineering Evaluation/Cost Analysis for the Reduction of Hexavalent Chromium Releases Into Mitchell Branch at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2422&D1)*

*Remedial Design Report/Remedial Action Work Plan for Soils, Sediments and Dynamic Characterization Strategy for Bethel Valley, Oak Ridge, Tennessee (DOE/OR/01-2378&D4)*

*Addendum to Waste Handling Plan, Part II for the K-770 Soils Within Zone I, East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2148&D2/A1)*

*Waste Handling Plan for the Demolition of Biology Complex Building 9211 Located at the Y-12 National Security Complex, Oak Ridge, Tennessee (DOE/OR/01-2416&D1)*

*Waste Handling Plan for the Demolition of Biology Complex Building 9769 Located at the Y-12 National Security Complex, Oak Ridge, Tennessee (DOE/OR/01-2417&D1)*

## Announcements

### Mitchell Branch EE/CA Available

The document *Engineering Evaluation/Cost Analysis (EE/CA) for the Reduction of Hexavalent Chromium Releases into Mitchell Branch at the East Tennessee Technology Park, Oak Ridge, Tennessee (DOE/OR/01-2422&D1)* evaluates several options for reducing the release of hexavalent chromium into Mitchell Branch at ETPP.

DOE, the U.S. Environmental Protection Agency, and the Tennessee Department of Environment and Conservation have been pursuing cleanup of ETPP (including the reduction of hexavalent chromium) under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA).

DOE evaluated the following seven options for addressing the chromium release:

- No action
- Direct discharge to the Clinch River
- Reduction of hexavalent chromium
- Treatment at the Central Neutralization Facility
- Treatment at a modified Central Neutralization Facility

- Treatment at the Waste Water Treatment System
- In situ treatment

The recommended option is reducing toxic hexavalent chromium to non-toxic trivalent chromium. This option includes an extraction well, reduction of hexavalent chromium, air stripping for removal of volatile organic compounds, and discharge to the Clinch River.

Although this is the recommended option at this time, DOE welcomes the public's comments on all of these options. The formal comment period ends **January 25**. DOE will choose the final action after the comment period ends and all public comments are considered.

The document is available for review and comment at the DOE Information Center and on the Web at [www.oakridge.doe.gov/doeic](http://www.oakridge.doe.gov/doeic) under "New Documents." Comments should be sent to David Adler, DOE Oak Ridge Office, P.O. Box 2001, Oak Ridge, TN 37831; phone: (865) 576-4094; or e-mail: [AdlerDG@oro.doe.gov](mailto:AdlerDG@oro.doe.gov).

**Contact: Walter Perry, (865) 576-0885**

... continued on page 3

# Announcements (continued from page 2)

## **EMWMF Explanation of Significant Differences Information Sheet Available**

DOE has prepared a document called an Explanation of Significant Differences (ESD) to authorize the expansion to maximum available capacity of the Environmental Management Waste Management Facility (EMWMF).

A previous document called a Record of Decision (ROD) was issued in 1999 to document a decision by DOE, TDEC, and the U.S. Environmental Protection Agency to construct a dedicated disposal facility on the Reservation to receive radioactive and hazardous wastes generated from the Reservation cleanup programs conducted under CERCLA. This facility, located near the Y-12 National Security Complex, has been actively accepting Reservation waste in compliance with the approved EMWMF waste acceptance criteria since 2002.

The purpose of this ESD is to change the selected remedy by expanding EMWMF to add increased disposal capacity through the construction of an additional disposal cell, bringing the total disposal capacity of the facility to approximately 2,200,000 cubic yards. An Information Sheet has been prepared to summarize the ESD for the proposed expansion of EMWMF and is available at the DOE Information Center.

*Contact: Walter Perry, (865) 576-0885*

## **Parcel ED-10 CDR to be Issued**

As part of the DOE's plans for the cleanup of the ETTP Heritage Center, DOE proposes to transfer Parcel ED-10, comprising approximately 15 acres located in the north-eastern portion of the Heritage Center in Roane County. Parcel ED-10 includes approximately 13 acres of land to be transferred to Heritage Center, LLC and approximately 0.4 acres of roadways to be transferred to the City of Oak Ridge. The remaining acreage will be transferred at a future date pending completion of decontamination and decommissioning activities being conducted at facilities located on adjacent property. Parcel ED-10 surrounds two buildings that have been transferred previously (Buildings K-1400 and K-1501-H&L). These buildings are not included in the Parcel ED-10 transfer footprint. Heritage Center, LLC, a subsidiary of the Community Reuse Organization of East Tennessee (CROET), proposes to manage the property for private, mixed-use development, including light manufacturing, offices, and commercial facilities.

A draft Covenant Deferral Request (CDR) package must be submitted to the regulators. The current schedule calls for the Draft CDR to be issued for public review in early January. A public notice will be placed in area newspapers announcing availability.

*Contact: Walter Perry, (865) 576-0885*

## **Comments Sought on Y-12 Site-Wide EIS**

The Draft Site-Wide Environmental Impact Statement (SWEIS) for the Oak Ridge Y-12 National Security Complex (DOE/EIS-0387) evaluates the potential environmental impacts of reasonable alternatives for ongoing and foreseeable future operations and activities at the Y-12 Complex.

Among these activities, the Y-12 Draft SWEIS evaluates alternatives related to the construction and operation of the proposed Uranium Processing Facility (UPF), such as its location and size. The decision to construct and operate a UPF at the Y-12 Complex as a replacement for existing facilities that are more than 50 years old was made in the 2008 Record of Decision regarding the Complex Transformation Supplemental Programmatic EIS. The preferred alternative is the "capability-sized UPF."

Comments received will be considered for incorporation into the Final SWEIS, which is currently expected to be available in Spring 2010. The comment period on the Draft Y-12 SWEIS has been extended to **January 29**. You may find out additional information and submit comments on the Web site [www.y12sweis.com](http://www.y12sweis.com).

*Contact: Steven Wyatt, NNSA Y-12 Site Office, (865) 576-9918*

## **TSCA Incinerator Completes Mission**

After more than 18 years of operation and more than 35 million pounds of waste safely incinerated, DOE's Toxic Substances Control Act (TSCA) Incinerator at ETTP shut down operations on December 2.

During its operating lifetime, the one-of-a-kind thermal treatment facility burned materials regulated under TSCA and the Resource Conservation and Recovery Act (RCRA), most notably radiologically-contaminated polychlorinated biphenyls (PCBs). The TSCA Incinerator met or exceeded environmental regulations and DOE requirements for the treatment of these types of wastes.

The Incinerator was constructed in the mid-1980s and underwent a series of test burns and readiness reviews to obtain the necessary environmental permits and operating approvals from state and federal regulatory agencies. With these in place, the Incinerator began routine operations in 1991.

The facility has played a key role in the treatment of radioactive PCB and hazardous wastes (mixed wastes) from the Oak Ridge Reservation, as well as from other facilities across the DOE complex. Through its support to more than twenty sites in the DOE complex, environmental waste from past and ongoing operations has been safely and permanently treated.

*Contact: Walter Perry, (865) 576-0885*

# NEPA Actions

**Environmental Assessment for the Proposed Uranium-233 Project Operational Changes and Facility Modifications at the Oak Ridge National Laboratory, Oak Ridge, Tennessee (DOE/EA-1651):** This Environmental Assessment (EA) evaluates several proposed operational changes and facility modifications that were not analyzed in the two previous EAs prepared for the U-233 Stabilization and Building 3019 Shutdown Project [DOE/EA-1448 and DOE/EA-1574] located at Oak Ridge National Laboratory. The public comment period ended November 2 and comments received are being evaluated.

**Environmental Assessment for the Transfer of Land and Facilities Within ETTP and Surrounding Areas,**

**Oak Ridge, Tennessee (DOE/EA-1640):** See meeting announcement on page 1.

**Environmental Assessment for the Disposition of Radioactively Contaminated Nickel Located at ETTP and Paducah (DOE/EA-1599):** The comment period on the Draft EA ended on August 15, 2008, and comments received are being evaluated.

**National Park Service Special Resource Study on the Preservation and Interpretation of Historic Sites Associated with the Manhattan Project:** See meeting announcement on page 1.

U.S. Department of Energy  
c/o Bechtel Jacobs Company LLC  
P.O. Box 4699  
Oak Ridge, Tennessee 37831-7294