



# Kingston Monthly Update

*March 18, 2010*

The Tennessee Department of Environment and Conservation (TDEC) is compiling a monthly update as an additional tool to provide the community with information related to TDEC's role in the ongoing monitoring and cleanup at the TVA Kingston site. We welcome feedback from the community regarding this report and its usefulness so we may evolve it to meet the community's needs. The newsletter will be available the middle of each month on TDEC's TVA Kingston Update Web site at [www.tn.gov/environment/Kingston](http://www.tn.gov/environment/Kingston). Interested parties may also request an e-mail copy by contacting [Ask.TDEC@tn.gov](mailto:Ask.TDEC@tn.gov) and including "TVA Kingston Monthly Newsletter" in the subject line.

## **PUBLIC INPUT ON LONG-TERM RECOVERY PHASE IMPORTANT**

The public comment period for the Engineering Evaluation and Cost Analysis (EE/CA) concludes April 5, 2010. Public input on this plan is critical in helping determine the final cleanup alternative at the TVA Kingston spill site. The EE/CA evaluates restoration alternatives to accomplish the non-time critical phase of the recovery effort. This phase will focus on removing the remaining ash from embayments, sloughs, tributaries and ground surface as well as closing the failed landfill. The EE/CA Report is available for review and comment on EPA and TVA's Web pages at [www.epakingstontva.com](http://www.epakingstontva.com) and [www.tva.com/kingston](http://www.tva.com/kingston), respectively. The report is also available at the TVA Outreach Center at 509 N. Kentucky Street, the Kingston Public Library at 1004 Bradford Way and the Harriman Public Library at 601 Walden Street.

## **DREDGING GUIDANCE SUBMITTED TO TVA**

The Department of Environment and Conservation was involved with EPA in the development of guidance for TVA on how to complete the time critical dredging activities in the Emory River. It is important to get as much ash as possible out of the river, without doing additional harm to the river bottom. EPA's memo to TVA on this issue is available on TDEC's Web site at: [http://tn.gov/environment/kingston/community\\_guidance.shtml](http://tn.gov/environment/kingston/community_guidance.shtml).

## **TVA KINGSTON ENVIRONMENTAL RESEARCH SYMPOSIUM**

TVA hosted an environmental research symposium for academic researchers, regulators and consultants on March 11 and 12 specific to the TVA Kingston cleanup. Several members of TDEC's staff attended the symposium. The department found the meeting to be valuable in terms of advancing science dialog among all of the various researchers who have been involved in managing the response and monitoring environmental effects of the incident. Opportunities for direct discussion among various researchers should be helpful as cleanup and ongoing monitoring continue at the site.

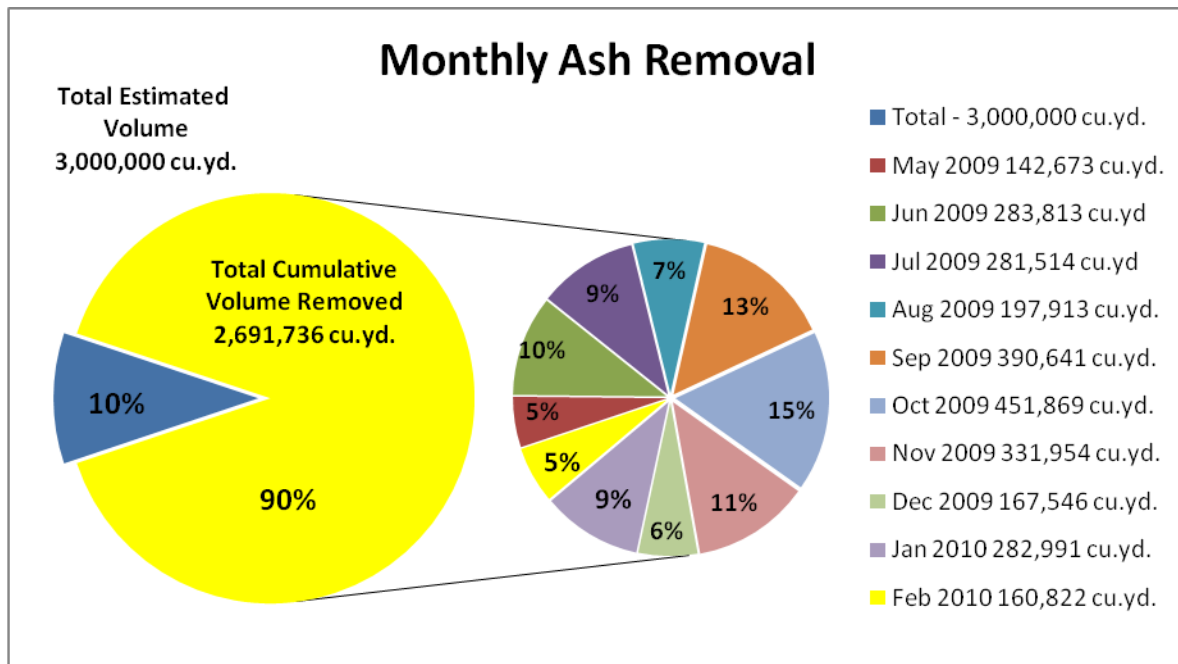
**SITE STATISTICS UPDATE**

Approximately 2.7 million cubic yards of the estimated three million cubic yards of the ash released into the Emory River and Swan Pond Embayment have been recovered and removed from the water. River dredging operations and excavating from dry areas continues on-site. Approximately 1.2 million cubic yards have been shipped off-site by rail for disposal in an approved landfill in Alabama.

**Time Critical Ash Removal**

**Goal** = 3 million cubic yards by Spring 2010 at 15,000 cubic yards/day removal rate  
**2/28/10 (YTD)** = 2,691,739 cubic yards (2,108,107 from river and 583,629 from embayment)  
**2/1-28/10** = 160,822 cubic yards removed in 20 workdays = 8,041 cubic yards daily average

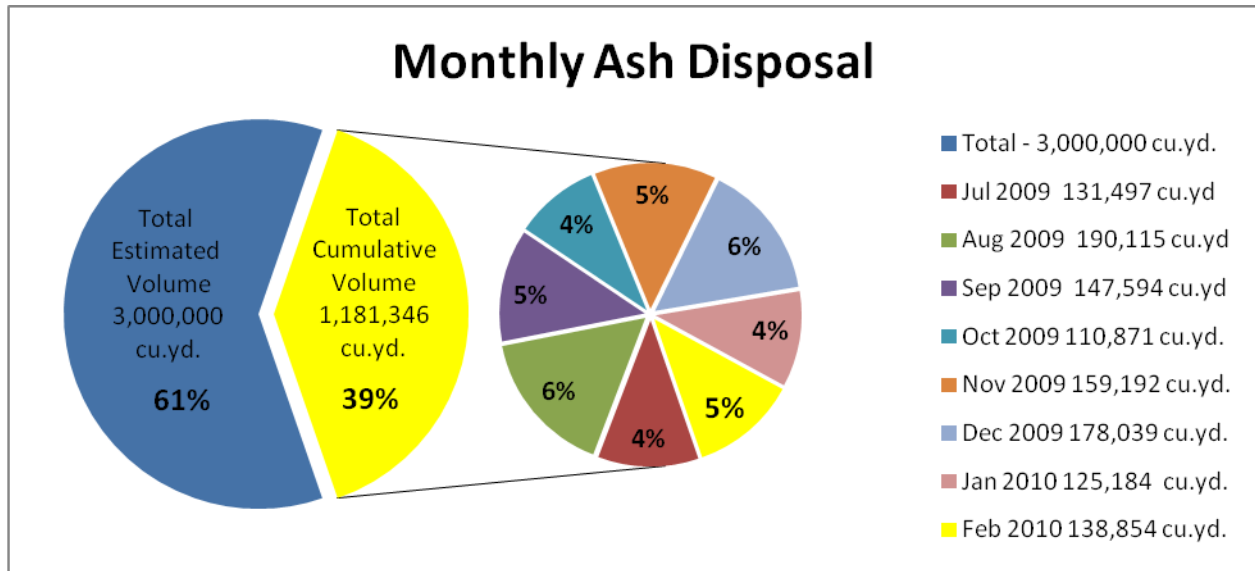
*Estimated completion of time critical ash removal is April 2010 based on 308,264 cubic yards remaining at a removal rate of 10,000 cubic yards per day (six workdays per week).*



**Time Critical Ash Disposal**

**Goal** = 3 million cubic yards disposed off-site by Fall 2010 at 10,000 cubic yards/day shipping rate  
**2/28/10 (YTD)** = Shipped 1,181,346 cubic yards (converted using 1.3 tons/cubic yards)  
**2/1-28/10** = Shipped 138,854 cubic yards in 20 work days = 6,943 cubic yards daily average

Estimated completion of time critical ash disposal is October 2010 based on 1,818,654 cubic yards remaining at 10,000 cubic yards/ day shipping rate (six workdays per week).



#### **COMMUNITY ACTIVITIES**

TDEC continues to attend and participate in the Long Term Recovery Committee and the Community Action Group meetings along with EPA and TVA. A schedule of upcoming community outreach events for the Kingston Ash Recovery Site, in which TDEC participates, is as follows:

April 1, 2010 – Community Advisory Group Meeting

#### **CONTACT INFORMATION**

If you have any questions or need additional information, please feel free to call TDEC's On-scene Coordinator at the Kingston Recovery Site, Barbara Scott. You can reach her at 865-230-1211, or by email [Barbara.scott@tn.gov](mailto:Barbara.scott@tn.gov).

TDEC has additional information and monitoring data on the department's TVA Kingston Update Web page at [www.tn.gov/environment/kingston](http://www.tn.gov/environment/kingston).