



# Wolf Creek Dam Weekly Update

US Army Corps of Engineers  
Nashville District

11 July 2007

## Construction Report

**Foundation Grouting.** ACT continued the drilling operation parallel to the dam in the gallery. This will supplement the down stream grout line in the 800' critical reach. A total of 44 holes have been drilled and 29 grouted. Boart Longyear continued drilling the overburden and setting casing with the two sonic rigs. A total of 265 holes have been drilled and cased on the embankment. Grouting operations continued as well bringing the total number of holes grouted to 51. All primary holes in the critical wraparound section have been grouted along with 17 secondary holes with a total of over 41,000 gallons of grout in the ground. Rock coring with the LF90 & production rock drilling with the Cubex drills continued.

**Halcomb's Landing.** VCI-Doyon continued to drill, blast, haul, and compact rock in the parking lot (Phase 3 area), at the new Powerhouse Road location, and the area behind the new comfort station. Excavated on the boat ramp access road and continued to haul to the new Power Plant Road. Construction on the new boat ramp continued. All lanes are essentially complete. The ramp was opened on Wednesday, July 4<sup>th</sup>, as well as Sunday, July 8<sup>th</sup>, for public use.



Work continues at Wolf Creek Dam.

## This Week's Activities

- Continue drilling and grouting in the gallery
- Continue sonic drilling and installation of PVC casing on the embankment
- Continue rock coring and rock production drilling
- Continue pressure testing and grouting on the embankment
- Continue to drill, blast, and compact shot rock in Halcomb's landing parking lot, Phase III and extension.
- Continue excavation on boat ramp access road and haul operations to the new Power House Road
- Continue concrete forming and placement on the apron and parking areas of the new boat ramp

## Water Management Report

This morning the headwater elevation was 680.4 and the discharge plan remains the same 700-800 cfs. There is some rain in the forecast for next three days. The amounts are not expected to be significant; however there could be some run-

off. The only downstream concerns continue to be increasing temperatures and declining DO levels. We are continuing to work with TVA and the other stakeholders to mitigate these conditions.

## Lake Cumberland Elevation

**680.4**

Time: 0600  
11 July 2007

