



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

12 February 2007

Construction Report

Foundation Grouting. ACT continued the drilling and grouting program in the gallery. The lattice boom crane was moved onto the cone section of the embankment and Kiewit (subcontractor) began driving sheet piles for the temporary and permanent work platforms. Began installation of 20 additional piezometers to improve monitoring capability in critical areas. Resonant sonic track drill rig is being used for the installation in order to maintain the integrity of the embankment.

Halcomb's Landing. Continued to drill, blast, haul and compact shot rock in Phase I of the old Halcomb's Landing parking area. Also began rock fill placement in the Phase II area.

Miscellaneous. Subcontractor Kiewit began working night shift moving soil and rock for the work platform. Baltimore District has provided a drill rig to conduct some exploratory near the toe of the downstream embankment.



Construction of work platform at the cone or wraparound section

This Week's Activities

- Continue drilling and grouting in the gallery
- Continues to drive sheet pile along the dam for permanent work platform
- Continue to drill, blast, and compact shot rock in Halcomb's landing parking lot
- Continue drilling and installation of piezometers
- Issue RFP to extend new launching ramp to elevation 680

Water Management Report

The drawdown of Lake Cumberland continues as scheduled. The daily drawdown rate has been decreased as the lake approaches elevation 680. The current forecast calls for a gradual drawdown over the next several days. The lack of any significant precipitation in the lake Cumberland watershed has allowed the drawdown to remain on track with only minor daily adjustments to the Wolf

Creek discharge schedule. The forecast for the next five days has 0.5 - 0.75" of rain predicted for the Cumberland River Basin. The reduced flows scheduled for Wolf Creek Dam this week have resulted in a shortage of hydropower produced by the Cumberland Basin plants.

Lake Cumberland Elevation

680.73

Time: 0600
12 Feb 2007

