



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

19 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 45 holes have been drilled and 29 grouted. Boart Longyear continued drilling the overburden and setting casing with the two sonic rigs. A total of 305 holes have been drilled and cased on the embankment. Grouting operations continued as well bringing the total number of holes grouted to 66. All primary holes in the critical wraparound section have been grouted and most secondary holes with a total of over 59,000 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. Footings have been poured for the accessible loading platform.



A photo of a worker packing a Top Hole.

This Week's Activities

- Continue drilling 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

The current headwater elevation at Wolf Creek is 680.5. We continue to release a minimum release of around 760 cfs average daily discharge through the sluice gate. Although there was some rainfall in parts of the Wolf Creek Basin over the past

week, little runoff occurred. The rainfall predicted for the Cumberland River Basin over the next several days is not very significant. Given the current dry conditions, it would take a fairly significant rainfall event to produce enough flow to help meet Cumberland River Basin system water management objectives.

Lake Cumberland Elevation

680.5

Time: 0600
17 July 2007

