



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

28 November 2007

Construction Report

Foundation Grouting. To date, all 50 holes in the gallery have been drilled and grouted with a total of over 4447 gallons of grout. Sonic drilling and casing continued, with a total of 687 holes in Overburden. Rock coring and drilling on the work platform continued this week, as well as pressure washing and grouting operations. ACT/Boart Longyear completed the 5 exploratory holes in Critical Area #1, and completed two of 15 exploratory alluvium holes. There is a total of over 301,900 gallons of grout in 384 holes along the embankment. To date, over 309,546 gallons of grout have been pumped into the foundation.

Halcomb's Landing. Job is complete. Halcomb's Landing is now open to the public.

Resident Office. The Contractor worked on "punch-list" items. The fencing contractor is continuing fence installation.



Performing deviation survey of grout hole

This Week's Activities

- Continue sonic drilling and installation of PVC casing
- Continue rock coring and rock production drilling
- Continue pressure testing and grouting
- Continue fence installation at Resident Office

Water Management Report

Lake Cumberland elevation on 11/26/07 was 679.38. There was no substantial inflow observed from the recent rainfall events. The orifice gate is still providing 260 cfs continuous flow. Two one hour pulses of full sluice releases supplement the continuous flow for a daily average of 400 cfs. This flow arrangement from Lake Cumberland continues to support downstream water supply and water quality requirements. A total of 0.5 inch to 0.75 inch of rain is forecasted for the next five days over the Lake Cumberland basin.

Lake Cumberland Elevation

679.38

Time: 0600

26 Nov 2007

