



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

18 Jul 2008

Construction Report

Foundation Grouting

Boart Longyear continued drilling (overburden) and installing casing using the sonic method in the critical section of TO#4. Boart is running 1 rig. There are a total of 1331 holes in overburden, drilled and cased.

Production rock drilling (with 1 Cubex drill) on the work platform continued this week, as well as pressure washing, pressure testing, and grouting operations.

ACT/Boart Longyear has temporarily suspended working on V-Line treatment in order to concentrate on initial line closure; 8 of the 9 V-Line holes have been completed.

Exploratory drilling on US127 continues in Critical Area I. A piezometer has been installed in one hole and an extensometer in another. Additional exploratory drilling in this area will take place on the crest of the dam, the work platform, and the downstream embankment.

There is a total of over 834,000 gallons of grout in 1304 holes along the embankment. To date, over 839,233 gallons of grout have been pumped into the foundation in all areas.



Lowering the inclinometer-extensometer casing into the borehole

This Week's Activities

- Continue rock production drilling with 1 to 3 Cubex drills
- Continue pressure testing and grouting in all areas except Critical Area I
- Continue exploratory drilling on US127

Water Management Report

Lake Cumberland elevation on 7/18/08 was 681.11 ft. The lake elevation is expected to fall slowly over the next several days. No significant rainfall is forecasted for the next five days over the Lake Cumberland basin.

Lake Cumberland Elevation

681.11

Time: 0600

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