



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

18 April 2008

Construction Report

Foundation Grouting

Boart Longyear continued drilling (overburden) and casing using the sonic method in the critical section of TO#4. Boart is running 2 rigs. There are a total of 1153 holes in overburden, drilled and cased.

Production rock drilling (with 1 to 2 Cubex drills) on the work platform continued this week, as well as pressure washing 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 23 V-Line holes have been completed.

Grouting results over the past week have indicated the need to drill and grout an additional 12 holes. 297 holes have been identified as necessary for initial line closure. Of those 297 holes, 207 are complete, or 70%. 81 holes are in progress, with grouting operations ongoing in 65 of those.

There is a total of over 645,400 gallons of grout in 826 holes along the embankment. To date, over 649,883 gallons of grout have been pumped into the foundation in all areas.



Grouting Work Platform

This Week's Activities

- Continue sonic drilling and installation of PVC casing by Boart Longyear with 2 drill rigs. A third rig is expected this week.
- Continue rock production drilling with 1 to 2 Cubex drills, with concentration in the priority areas needed for initial line closure
- Continue pressure testing and grouting, with concentration in the priority areas needed for initial line closure

Water Management Report

Lake Cumberland elevation on 4/18/08 was 693.72 ft. All five available units are being run around the clock to draw the pool. There is no significant rainfall in the forecast for the Lake Cumberland basin over the next five days.

Lake Cumberland Elevation

693.72

Time: 0600

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