



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

20 June 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 37 holes have been drilled and 29 grouted. Boart Longyear continued drilling the overburden and setting casing with the two sonic rigs. Both rigs have moved to the critical section of TO#4, now that the platform is complete in that area. A total of 153 holes have been drilled and cased on the embankment. Grouting operations continued as 10 holes were grouted this week. Rock coring with the LF90 & production rock drilling with the Cubex drills continued. Kiewit completed demobilization from the site.

Halcomb's Landing. VCI-Doyon continued to drill, blast, haul, and compact rock in parking lot (Phase 3 area) and at the new Powerhouse Road location. Excavated on the boat ramp access road and continued to haul to the new Power Plant Road. Drilling and blasting along US 127 was completed. Construction on the new boat ramp continued; 24 sections of the cast-in-place concrete are complete, as well as 2 sections of the pre-cast concrete, for a total of 28,730 SF in place. Lane 1 is 100% complete; lanes 2 and 3 are approximately 90% complete; the 4th lane is approximately 10% complete.



Aerial view of activities on the work platform

This Week's Activities

- Continue drilling and grouting in the gallery with both drills
- Continue sonic drilling and installation of PVC casing on the embankment, with 2 drills
- 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.
- Begin interim repairs to US 127
- Continue excavation on boat ramp access road and haul operations to the new Power House Road
- Continue concrete forming and placement on the new boat ramp.

Water Management Report

The headwater elevation at Lake Cumberland Wednesday morning was 680.5. Releases continue to be made entirely through the sluice gates. We are working with Kentucky Game and Fish to evaluate the release pattern most effective

for the water we do have. The daily average discharge is approximately 760 cfs.

Lake Cumberland Elevation

680.50

Time: 0600
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