



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

24 October 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 584 holes in Overburden. Rock coring and drilling on the work platform continued this week, as well as pressure washing and grouting operations. Most primary and secondary holes have been grouted in Critical Areas #1 and #2. There is a total of over 237,900 gallons of grout in 364 holes along the embankment. To date, over 242,424 gallons of grout have been pumped into the foundation.

Halcomb's Landing. Site cleanup continued. Southern KY RECC completed wiring to the light poles and the Comfort Station. Guardrail installation continued along the access road and parking area.

Resident Office. The Contractor worked on "punch-list" items. Parking area and entrance roads are ready for asphalt and fencing.

Kendal Campground. The surface paving project is complete, and the new restroom building project was awarded.



Boart Longyear performs undisturbed soil sampling in the embankment.

This Week's Activities

- All issued work in the Gallery is complete.
- Continue sonic drilling and installation of PVC casing
- Continue rock coring and rock production drilling
- Continue pressure testing and grouting
- ACT will continue the exploratory hole drilling in Critical Area I (two of the five holes have been completed).
- VCI-Doyon will continue surface paving operations on the new parking area and road, and guardrail installation should be completed
- Finishing work at Comfort Station will be completed
- Contractors will be seeding and mulching
- Contractor will begin working on "punch-list" items as they move towards contract completion

Water Management Report

Lake Cumberland elevation on 10/23/07 was 678.61 ft. The Wolf Creek basin received approximately 0.4 inch of rainfall over the past 24 hours. The forecast for the next five days has an additional 1.5 to 2.0 inches for the basin. The orifice gate that will provide a continuous 200 cfs flow is in the process of being installed. The 500 cfs daily average discharge from Lake Cumberland continues to support downstream water supply and water quality requirements.

Lake Cumberland Elevation

678.61

Time: 0600

23 Oct 2007

