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Project Progress Update: Low Mobility Grout Testing Phase Nears Completion

We are on schedule to wrap up the Low Mobility Grouting (LMG) phase of the test grouting project by the end of this month. The thick, “toothpaste-like” grout (seen in photo at left) is mixed to just the right consistency by workers on top of the dam. Then grouting rigs inject the LMG into boreholes drilled in rows along the top of the earthen embankment. The grout may be placed anywhere from a few feet below the surface to several hundred feet. Once this LMG project milestone is complete, we will move on to working with High Mobility Grout (HMG) which is a thinner consistency capable of filling in smaller openings in the geology. We remain on schedule to complete the repair project in the 2020-2022 timeframe.

Construction Update: A Picture’s Worth a Thousand Words

How do you gain insight into construction work that takes place hundreds of feet below Boone Dam? A “downhole high resolution optical televiewer”, aka high-definition video.

Down-hole cameras and imaging devices allow borehole walls and rock discontinuities to be viewed and assessed. “This enables our geotechnical team to better understand the subsurface conditions in the foundation we are treating,” explains Don Riley, Black & Veatch’s Engineering Geologist (pictured at right).



Rumors are Just That -- Rumors!

Heard any good rumors lately? We sure do, particularly about lake levels, so let’s clear up one of the most persistent. We currently have no plans to raise lake levels beyond the present 1350’-1355’ operating range in the near future. We made a commitment to lake residents that we will communicate with them about any potential level changes beyond that range *well in advance* of such work. Unless you hear it from an official TVA source, like this newsletter or the Boone Dam web site, please remember that it’s just a rumor.

New Courtesy Dock at Pickens Bridge Proves Popular with Boaters

New boat access ramps have allowed traffic on Boone Lake to approach “normal” levels, and new courtesy docks at Pickens Bridge and Boone Beach are making getting into the water even safer.

Mountain City resident LuAnne Suba (at top right) said the newly installed dock at Pickens Bridge is very handy for launching her kayak. Meanwhile, Finn and Kaylynn Wilster of Piney Flats easily stepped onto the “Sunny Sea” from the new dock.

The improved facilities and new docks are part of a continuing partnership between TVA, the Tennessee Wildlife Resources Agency and local residents to ensure everyone can safely and more easily access Boone Lake, even at the lower water level.



New Community News Updates! Remember, we’ll keep you informed in between monthly editions of this newsletter through the new “Community News” section of the [Boone website](#). We’ll also update the @BooneRepair Twitter feed and, if needed, provide special newsletter editions. You can always e-mail us questions at boonelake@tva.gov, or stop by the TVA Community Relations trailer at the intersection of Boone Dam and Minga Roads.

How to Receive Regular Updates “The Boone Dam Update” is published monthly to help keep TVA’s stakeholders informed on the activities associated with repairing the earthen embankment at Boone Dam. These updates and other information are available at TVA’s website: [Boone Repair](#) and via email distribution.

If you’d like to be included on the Boone Update email distribution list, please visit [Boone Repair](#) and submit your email address where you see “Sign up below to get weekly updates via email.” Learn more the Boone Project and other TVA activities on Facebook at <http://www.Facebook.com/TVA> and on twitter @BooneRepair.

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