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*Above: Building the access road prior to upstream berm construction.*

*Below: Katie Rievley and Alex Goins prepare an optical televiewer which will take images of the drill hole.*



### **Progress Update: Upstream Berm Construction Begins**

Neighbors and boaters around Boone Dam are seeing more repair work activity as trucks and heavy equipment roll onto the site. According to project manager, Sam Vinson, TVA is purchasing materials from many local vendors, including as much as 250,000 tons of stone from local quarries, for the upstream berm construction. The stone will be used to add stability to the side of the earthen embankment. Construction plans call for widening the top of the dam to provide an improved working surface for cutoff wall construction.

### **High-Tech Drilling: Taking Pictures of Boone Boreholes**

Optical and acoustical “televiewers” are used to create both visual and sound images of boreholes at Boone Dam. These high-tech instruments rotate 360 degrees as they drop about five to eight feet per minute down the bore hole. The images relay valuable data to our engineering/design team. Each hole has its own specified test. When cameras are not present, a bentonite slurry mixture is pumped down the boreholes. The testing helps our design team determine the mixtures that will be used in the final composite seepage barrier that will be built underneath the earthen embankment.

### **Senator’s Representatives Visit Boone Dam**

Legislative staffers from Senator Lamar Alexander’s office recently paid a visit to Boone Dam to get a first-hand look at the progress being made to repair the earthen embankment. Project Manager Sam Vinson shared details of the project with local field representative, Lana Moore, and Washington, D.C. based aides, Kayla McMurry and Anna Newton. The guests viewed the upstream berm construction as well as the instruments and drills on top of the dam.

The staffers relayed community questions and concerns, including the growth of vegetation. Vinson explained how landowners can manage the vegetation on their property as well as the Tennessee Wildlife Resources Agency’s recommendation to keep the vegetation for future fish habitat when the lake returns to normal levels.



*Above: Project Manager Sam Vinson speaks with guests from Senator Alexander’s office at the Boone Dam Community Relations office.*

The Senator’s representatives expressed that the site visit helped them better understand the project for when constituents ask questions about Boone Dam.

**See the cutoff wall schematic at:**

[https://www.tva.com/file\\_source/TVA/Site%20Content/News/boone/boone\\_stages-3.pdf](https://www.tva.com/file_source/TVA/Site%20Content/News/boone/boone_stages-3.pdf)

**Vegetation Management Questions?** Please review our online brochure to determine the best course of action to remove vegetation. <https://www.tva.com/Newsroom/Boone-Dam-Project/Boone-Exposed-Lakebed-An-Owners-Guide>

**TVA Supports Mobile Food Pantries Throughout Northeast Tennessee**

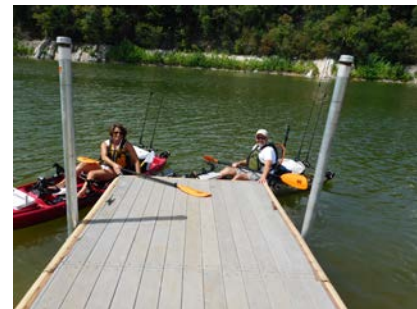
TVA and the local power companies of Northeast Tennessee are showing their volunteer spirit. Johnson City Power Board, Holston Electric Cooperative, Newport Utilities and Mountain Electric Cooperative teamed up with TVA customer delivery representatives to serve food in Johnson City, Mooresburg, Hartford and Mountain City respectively. “TVA is pleased to be able to support Second Harvest Food Bank in this way,” said TVA Customer Delivery Manager Chris Quillen. “Many people in our area are ‘food insecure’ – so Second Harvest provides much needed assistance. Serving at the mobile food pantries is a great opportunity to work side by side with our customers while giving back to our communities.”

*Below: Guests viewed upstream berm construction from a safe spot near the pavilion with Sam Vinson and TVA Government Relations Director Bert Robinson.*



*TVA representatives distributed food at the Mooresburg Second Harvest Mobile Food Pantry along with volunteers from Holston Electric Cooperative and the local community.*

**Last Chance for Summer Fun!** Get your last-minute summer fun photos in before our contest ends Sept. 11. Be sure to use the hashtag #TVAFun when you upload your photos to social media in order to win some great prizes. Visit [TVA.com/TVAFun](http://TVA.com/TVAFun) for details.



*The Subas of Mountain City enjoy #TVAFun kayaking on Boone Lake.*

**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](mailto: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.

*If you wish to unsubscribe to this newsletter, please reply to this e-mail with the word “UNSUBSCRIBE.”*