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Progress Update: Robotics, Auger Drilling, Underwater Monitoring at Boone Dam

As part of TVA’s testing and evaluation phase, the Boone Dam Project uses robotics and remote controls to move auger drills into place on platforms on the side of the earthen embankment. For added safety, cables secure the drills in place along the dam’s steep slope. The drillers are conducting tests to determine the progress of the underground repair work done so far. The Boone Dam Project team continues to look at the information from the auger drilling samples and captured from additional sensors placed on the dam. Data is monitored and adjustments made in order to move the project forward in a safe and effective manner. Meanwhile, dive team members visited Boone Dam recently for their quarterly inspection of the dam’s filter berm. The high-tech, hands-on visual inspection performed by the dive team revealed no changes in the filter berm.



Top: Auger Drill is moved into place on platform on dam’s earthen embankment via remote control (held by worker at left). Bottom: Diver (bubbles) performs visual inspection of filter berm as two colleagues ensure his safety.

Community News: TVA Volunteers with Johnson City Power Board Assist Area 3 Special Olympics

TVA employees teamed up with the Johnson City Power Board to volunteer and play host to the Area 3 Special Olympics last week. More than 500 athletes participated in the track meet. Area 3 Special Olympics serves athletes from Carter, Johnson, Unicoi, and Washington Counties in Tennessee.



TVA and Johnson City Power Board “cheerleaders.”

Hydroseeding Program Underway on Boone Lake

The TWRA is putting the finishing touches on hydroseeding of private property on the Holston River side of Boone Lake. TWRA’s Russell Young says conditions (first sunny, and then rainy) have been ideal for the new growth. This year’s mixture includes: Indian grass, Little Blue Stem, Black Eyed Susans, Purple Cone Flowers and Black Oil Sunflowers. There is also Brown Top Millet (grows quickly) and Buckwheat. This year liquid fertilizer was added to the mix. TVA buys mulch, seed and fertilizer. TWRA supplies the manpower and equipment.



TWRA’s Bart Carter with hydroseed.

Boone Dam and Gray Employees/Families Team up for Boone Lake Annual Clean Up

Volunteers from Boone Dam and TVA's Gray office helped out with the 18th consecutive Boone Lake Annual Clean Up Day Saturday, April 29. Trash was collected at Boone Lake Marina, Davis Marina, Lakeview Marina, Rockingham Marina and Jay's Dock (at Pickens Bridge Ramp). The Boone Lake Association, which sponsors the event, wrapped up the day with a picnic for volunteers at the Winged Deer Park Pavilion featuring lots of great prizes. In addition to volunteers, TVA contributed funding, trash bags and gloves for the event.



Top: Six of Team TVA's volunteers at the annual Boone Lake Clean Up pictured at Rockingham Marina. Bottom: Carter Burke displays the clock he won as Christy (holding Genevieve) & Josh Burke look on. The clock was one of many great door prizes for volunteers.

Vegetation Management Questions? Be sure to download:

<https://www.tva.com/Newsroom/Boone-Dam-Project/Boone-Exposed-Lakebed-An-Owners-Guide> for tips on maintaining lakebed property.

Summer Fun!

It's almost time for summer fun! 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 for details.



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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