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### **Construction Update: High Mobility Grout Added to the Mix**

Grout – a concrete-like mixture that is an integral part of the repair of Boone Dam – may seem rather “low-tech” but appearances can be deceiving. The material’s application to the Boone project is state-of-the-art, requiring constant variations to the “recipe” to meet some very specific engineering demands. An automated high mobility grout plant has been installed where operators blend exact amounts of water, cement and other components to create a “chocolate milk” type mixture. Because it flows more easily than the low mobility grout that has been used for some time at Boone, the new high mobility grout mixture is now being pumped through drill holes to fill small cracks and fractures in the bedrock. At left, Mike “Pigeon” Dunne, works at the HMG control panel.

### **Progress Update: Boone Dam One Year Later**

It’s been nearly one year since we first shared our plans to repair Boone Dam. During that time, several improvements have been made to allow more people to continue to enjoy the lake, even at its lower levels. In addition to doubling the capacity of the boat access ramp at Pickens Bridge, two all-new boat ramps have been installed at Sugar Hollow near Devault Bridge and at the new Boone Beach complex. Over the recent Independence Day holiday weekend, hundreds of people could be found enjoying the sun and water at the new facility, which features volleyball courts, grills and restrooms.



"Based on what I observe from my house on the main channel of the Watauga side, it looks like lake use on Boone Lake is getting back to pre-drawdown levels," said Dennis Scheer, President of the Boone Lake Association. "Weekday activity has always been calm compared to the weekends but, this year, we have seen a significant increase number of boats on the weekends."



### **Community News: Boy Scouts Clean Up Lake Harbor With Help from Neighbors, TVA**

Area Cub and Boy Scouts recently organized a camp out and Boone Lake Clean Up at Lake Harbor Estates. Members of Troops 311 and 131, with the help of some local residents and TVA, collected a full trailer-load of trash, as well as 16 tires that were sent for recycling. Each of the participating Scouts received credit toward earning a Service Project Merit Badge. In photos at left, Doug Carter reviews the trash haul and Scouts with TVA trash bags.



### **How to Receive Regular Updates**

*"The Boone Dam Weekly Update"* is published each week 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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