Clean Boats, Clean Waters continued at the Jordan Lake public landing.

Volunteers water quality sampling also continued, with samples being taken in the east and west basins of Jordan Lake.

The east basin average water clarity during the summer of 2012 was 16.7 feet (excellent), slightly lower than 2011. The total phosphorus average was good at only 10.7 micrograms/liter, and the average chlorophyll-a was very low at 1.9 micrograms/liter (very good).

The west basin of the lake had similar readings, with an average water clarity of 16.6 feet (down from 2011), and an average total phosphorus level of 9.3 micrograms/ liter (very good). The average chlorophyll-a level for the summer of 2012 was the same as the east basin, i.e., 1.8 micrograms/liter (very good).

Chemical treatment for the invasive Eurasian watermilfoil also continued, using the protocol started in 2010. This involves regularly taking the water column temperature of the lake until it appears the lake is stratifying. Once the lake has stratified, the EWM is chemically treated. So far, this has achieved good results. Volunteer Mike Backus has been the main volunteer taking on the water sampling and water temperature duties, although other volunteers have also participated.

An updated aquatic plant report was conducted during the summer of 2012 on Jordan Lake. The dominant aquatic vegetation found was the native plant-like algae *Chara* (muskgrass). Sub-dominant was the native *Potamogeton gramineus* (variable-leaved pondweed). Little Eurasian watermilfoil was found after the chemical treatment in the late spring.

Chara



Potamogeton gramineus

