

2011 JORDAN LAKE SNAPSHOT

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 2011 was 19.8 feet (excellent). The total phosphorus average was good at only 11 micrograms/liter, and the average chlorophyll-a was very low at 1.7 micrograms/liter (very good).

The west basin of the lake had similar readings, with an average water clarity of 20.1 feet, and an average total phosphorus level of 9.3 micrograms/liter (very good). The average chlorophyll-a level for the summer of 2011 was the same as the east basin, i.e., 1.7 micrograms/liter (very good).

Chemical treatment for the invasive Eurasian watermilfoil also continued, using the protocol started in 2010. This involves regularizing 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 volunteer taking on the water sampling and water temperature duties.

