



JORDAN LAKE 2017 SNAPSHOT

Mike Backus continued his excellent job at water quality monitoring on Jordan Lake. The average water clarity during the summer of 2017 was 15.8 feet (very good) in both the east and west lobes of the lake. Total phosphorus average was slightly lower in the east lobe at 15.6 micrograms/liter (good), with 17.8 micrograms/liter (good) in the west lobe. The chlorophyll-a average for both lobes was 1.8 micrograms/liter (very good).

The lake remained higher than usual from spring until through September. The average vertical level was .8 feet higher in 2017 than the same time period in 2016. This resulted in a substantial amount of shore being covered by water that usually isn't and in some water-covered docks.

Using a protocol released in 2016 by the Wisconsin Department of Natural Resources, a shoreland and shallows habitat study was conducted on Jordan Lake in late summer 2017. Of about 121 waterfront lots, only about ¼ met the state-mandated vegetation requirements of 35 feet landward. In addition, the many steep slopes and impervious surface near the shore likely resulted in significant runoff into the lake. Some shores had erosion more than 1 foot high. Woody debris for habitat in the water was found only at one place.