

2014 JORDAN LAKE SNAPSHOT

Mike Backus continued his outstanding job in regular water quality monitoring and in checking the lake levels through the sandpoint well installed in 2013. The average water clarity in Jordan Lake for 2014 was 13.4 feet. Although this is in the very good category, it is lower than past years. By July 2014, the water clarity was only registering about 10 feet, where it continued through August and into September. Research will be conducted during the winter of 2014-2015 to try to determine the cause of this change. The total phosphorus level remained very low at 9.7 micrograms/liter (very good), as did the chlorophyll-a (associated with the amount of algae in the water) level at 3.6 micrograms/liter (very good).

The sandpoint well monitoring showed an average water depth of 5.2 feet. The range went from 4.25 feet in August 2013 to 6.1 feet in early 2014. This means a total vertical variation of 1.85 feet in a little over a year, which is not uncommon for a natural lake.