

LAKE TODD ASSOCIATION
WATER QUALITY REPORT
JUNE 25, 2005

Last summer Norman Lehoullier and I were able to get two water samples during the months of July and August. This was an improvement from the previous years when only one sampling was done. The 2004 Report from DES reports the following results.

The chlorophyll-a concentration remains relatively stable and is lower than the state average. Chlorophyll is an indication of algae (microscopic plants) that are found in the lake.

Overall transparency in the lake is less than the state mean, but has remained relatively stable. It was raining during our first testing, so that could have affected the transparency.

Our total Phosphorus sampling this year improved over last year and was below the state median. However the Gillingham Drive inlet phosphorus concentration continues to be more than doubled the other areas sampled.

Conductivity at the deep spot this season was approximately equal to the state mean.

Turbidity in the water is caused by suspended matter such as clay, silt, and algae. Water clarity is strongly influenced by turbidity. The turbidity in the Gillingham Inlet sample was elevated in the August sampling which suggests that the stream bottom may have been disturbed while sampling or that erosion is occurring in this part of the watershed.

While we were able to test twice last year, DES recommends testing in June, July and August on an annual basis.

Bob Doherty