

## **LAKE FACTS AS OF AUGUST 17,2024 by Mike Backus**

### **Rain**

As you are driving to and from Jordan Lake, how often have you seen farm field irrigation in operation this season? Not many times, if any, I would bet! Why? Well since April 6<sup>th</sup> our area has received 25.52" of rain which is above average. At this time last year our rain total was only 16.06".

### **Lake Level**

With the above rainfall mentioned, guess how our lake level is doing this season. As of today, the lake level is UP 8" since May 19<sup>th</sup> when I began my monitoring. Since that day in May, the lake level has been higher every week this season, reaching its highest of +10.5" on July 21<sup>st</sup>. Last year at this annual meeting it was down 10.6" for the season. In 2023, this area had less rain and more irrigation!

### **Water Clarity**

A reading of 32' clarity right after the ice went out was a record. The weekly readings I have been getting have been between 19' and 13' feet which is very normal. Because the ice went off so early, I would have expected to see more Chlorophyll and therefore less clarity.

### **Eurasian Water-milfoil (EWM)**

The lake was treated on May 30<sup>th</sup> on an almost perfect day for treatment. From my observation, it was very successful. Again because of the early ICE OFF, all the lakes in the area were braced for a faster water warm up and greater EWM growth.

### **Water Temps**

Surface water temp rose to 84 degrees in late June and again in mid-July. Nothing different this season from past seasons.

### **Chemical Testing**

The testing for Chlorophyll and Phosphorus levels took place in June/July and August as normal. The results will be available in my October year-end report. I don't expect any surprises.

### **Clean Boats/Clean Water**

For years, residents have complained about the process of signing up to help monitor the boat landing. This winter Holly Waterman built an on-line process and put it on our District web site to make it easier for residents.

Through no fault of her hard work, residents have not responded well to our need. The landing was monitored by only 7 households (9 different people) for just 8 times and a total of only 25 hours. These are the people who took the time to "Give back to our Lake" this season. THANK YOU!

Mike & Marlene Backus (2)

Doug Nate

Ken& Kim Newhouse (2)

Kyle Casel

Faye Ponsetti& Lori Tervo

Michelle Hippler