

## **GLA Weed/Algae/Sediment Control Committee Report (June 29<sup>th</sup>, 2020 GLA Board Meeting)**

Rollins Aquatic Solutions was on-site inspecting and treating our lakes for problematic weed & algae growth (3) three times since the May 18<sup>th</sup> Monthly Report while missing 1 weekly visit due to excessive rainfall and high lake levels. A recap of the 3 visits are as follows:

### **Wednesday 5/27/20 & 5/28/20**

Goose Lake - Lake Level +13 inches – 75.1 degrees F – 8.5 mg/L oxygen content

Beaver Lake – Lake Level +8.5 inches – 76.0 degrees F – 9.2 mg/L oxygen content

Lincoln Lake – Lake Level +9 inches – 73.5 degrees F – 8.9 mg/L oxygen content

- All three lakes were inspected for problematic weed & algae growth. Goose Lake received spot treatments for problematic algae and weed growth in the finger channels, Muskie Trail channel, and the boat launch area. Beaver Lake received spot treatments in 4 areas for problematic weed growth and noted an increased amount of milfoil present in the north end of the lake that will be treated in the near future. Also noted an increase in Chara algae growth in the boat launch area and in the channel leading to the southern portion of the lake known as Half-Moon that will be treated in the near future. Lincoln Lake received spot treatments in 3 areas for problematic weed growth on Thursday (5/28) due to being rained out the previous day. No treatments were scheduled for next week in any of the lakes due to the high lake level conditions from excessive rain.

### **Wednesday 6/10/2020**

Goose Lake - Lake Level +5 inches – 77.1 degrees F – 8.2 mg/L oxygen content

Beaver Lake – Lake Level +6 inches – 77.8 degrees F – 9.3 mg/L oxygen content

Lincoln Lake – Lake Level +5 inches – 76.3 degrees F – 9.5 mg/L oxygen content

- All three lakes were inspected for problematic weed & algae growth. Goose Lake received a treatment for algae in the boat launch area as well as spot treatments for Curly Leaf pondweed, Milfoil, and Coon-tail in three areas of the lake with no treatments scheduled for the next weekly visit. Beaver Lake received spot treatments in 2 areas for Curly Leaf Pondweed and Milfoil with no treatments scheduled for the next weekly visit. Lincoln Lake received spot treatments in 2 areas for Curly Leaf pondweed. Lincoln had the biggest change in weed growth with 6 areas needing treatment for Curly Leaf Pondweed during the next weekly visit.

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**Wednesday 6/17/2020**

Goose Lake - Lake Level +2.5 inches – 78.9 degrees F – 8.4 mg/L oxygen content

Beaver Lake – Lake Level +5 inches – 77.8 degrees F – 8.9 mg/L oxygen content

Lincoln Lake – Lake Level +3 inches – 75.2 degrees F – 9.1 mg/L oxygen content

- All three lakes were inspected for problematic weed & algae growth. Goose Lake did not receive any weed or algae treatments but did receive the 2<sup>nd</sup> monthly bacteria (sediment/muck) treatment in the contracted channel areas. A few problematic areas with Duckweed and Milfoil as well as algae were noted and scheduled for treatments to take place during the next visit. Beaver Lake received spot treatments for problematic Chara algae growth in the channel leading to the south portion of the lake known as Half-Moon. Noted significant improvement of previously treated areas especially in the north end of the lake. Lincoln Lake received spot treatments for problematic Curly Leaf pondweed growth in 6 areas of the lake. Two additional treatments areas were noted for next weeks scheduled visit.

**Summary** - The total amount of acreage treated for problematic weed growth so far this year is 29.75 acres compared to a total contracted amount of 41 acres with Goose Lake having used 6.45 acres of treatments out of 13 contracted acres, Beaver Lake having used 14.5 acres of treatments out of 18 contracted acres, and Lincoln Lake having used 8.8 acres of treatments out of 10 contracted acres. The Goose Lake channel areas have received the first two monthly bacteria (sediment/muck) treatments on 5/13/20 and 6/17/20 with remaining monthly treatments to be done in July, August, and September when the 2020 sediment reduction project will be completed for the year.

Respectfully Submitted,

Joe Turk

Weed/Algae/Sediment Control Committee Chairman