

GLA Weed/Algae/Sediment Control Committee Report (July 27th, 2020 GLA Board Meeting)

Rollins Aquatic Solutions was on-site inspecting and treating our lakes for problematic weed & algae growth (5) five times since the June 29th Monthly Report. A recap of the 5 visits are as follows:

Wednesday 6/24/20

Goose Lake - Lake Level +3.5 inches – 76.1 degrees F – 8.6 mg/L oxygen content

Beaver Lake – Lake Level +7.0 inches – 76.5 degrees F – 8.3 mg/L oxygen content

Lincoln Lake – Lake Level +4.0 inches – 77.8 degrees F – 9.1 mg/L oxygen content

- All three lakes were inspected for problematic weed & algae growth. Goose Lake received a treatment for Milfoil & Duckweed in the Bluegill Court finger channel and algae treatments on the remaining finger channels. Beaver Lake received spot treatments in 2 areas for problematic growth of Curly Leaf Pondweed & Sago Pondweed while performing algae treatments in the boat launch channel as well as the north end of the lake. Lincoln Lake received spot treatments in 2 areas for problematic growth of Curly Leaf Pondweed

Wednesday 7/1/20

Goose Lake - Lake Level +4.5 inches – 81.7 degrees F – 7.5 mg/L oxygen content

Beaver Lake – Lake Level +7.0 inches – 81.1 degrees F – 7.9 mg/L oxygen content

Lincoln Lake – Lake Level +4.0 inches – 83.1 degrees F – 8.4 mg/L oxygen content

- All three lakes were inspected for problematic weed & algae growth. Goose Lake was looking good in all areas except for the Bluegill Court finger channel where an algae treatment was performed. Beaver Lake was looking good in the majority of the lake but did note some problematic Milfoil growth starting to form in the South Half Moon channel which may need to be treated in the near future. Lincoln Lake was looking good throughout the entire lake with previously treated areas responding well to past treatments. The Curly Leaf Pondweed looks to be dropping out due to the warmer water temperatures.

Wednesday 7/8/20

Goose Lake - Lake Level +3.5 inches – 85.1 degrees F – 7.2 mg/L oxygen content

Beaver Lake – Lake Level +5.5 inches – 86.7 degrees F – 8.0 mg/L oxygen content

Lincoln Lake – Lake Level + 2.0 inches – 86.9 degrees F – 7.7 mg/L oxygen content

- All three lakes were inspected for problematic weed & algae growth. Goose Lake received a treatment for Duckweed in the Bluegill Court finger channel, and receive the 3rd monthly bacteria (sediment/muck) treatment in the contracted channel areas.

(continued on Page 2)

Beaver Lake was looking good throughout the majority of the lake. Noted significant improvement of previously treated areas of problematic weeds and noticed that most of the desirable native pondweed species are coming back along the shoreline throughout many areas of the lake. Lincoln Lake was looking good throughout the majority of the lake. Some small patches of Milfoil were noted in a few areas which will be monitored and treated in the future if needed.

Wednesday 7/15/20

Goose Lake - Lake Level +3.0 inches – 80.7 degrees F – 7.7 mg/L oxygen content

Beaver Lake – Lake Level +6.0 inches – 82.5 degrees F – 7.9 mg/L oxygen content

Lincoln Lake – Lake Level + 2.0 inches – 82.6 degrees F – 8.4 mg/L oxygen content

- All three lakes were inspected for problematic weed & algae growth. Goose Lake received several spot treatments for algae which is due to the ongoing warm water conditions. All other areas were looking good. Beaver Lake received one spot treatment for problematic milfoil as well as an algae treatment. All other areas were looking good. Lincoln Lake was looking good throughout the majority of the lake. A few areas of Variable Leaf Milfoil were noted with the dropping out of Curly Leaf Pondweed as the water temperature continues to warm.

Wednesday 7/22/20

Goose Lake – Lake Level, Lake Temperature, and Oxygen Content unavailable at report time.

Beaver Lake - Lake Level, Lake Temperature, and Oxygen Content unavailable at report time.

Lincoln Lake - Lake Level, Lake Temperature, and Oxygen Content unavailable at report time.

- All three lakes were inspected for problematic weed & algae growth. No treatments for problematic weed growth were scheduled due to good conditions on all three lakes. Algae treatments will be performed as needed but do not require the sending of Water Use Restriction Notices as algae treatments have no water use restrictions.

Summary - The total amount of acreage treated for problematic weed growth so far this year is 33.25 acres compared to a total contracted amount of 41 acres with Goose Lake having used 7.45 acres of treatments out of 13 contracted acres, Beaver Lake having used 16.4 acres of treatments out of 18 contracted acres, and Lincoln Lake having used 9.4 acres of treatments out of 10 contracted acres. The Goose Lake channel areas have received the first three monthly bacteria (sediment/muck) treatments on 5/13/20, 6/17/20 and 7/8/20 with remaining monthly treatments to be done in 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