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Service Report

Date: May 21 & 27, 2008

Biologist: Doug Charles

Client: Lake Asbury Municipal Service

Contact: Mr. Larry Pitts

Waterways: North and South Lake Asbury

Comments:

North Lake Asbury

On May 21st this lake had a moderate planktonic algae bloom. The water clarity was about 12 to 18 inches. This algae bloom was caused by the decaying hydrilla releasing nutrients into the water column. On my second visit this month on the 27th the algae dissipated and the water clarity is now three to four feet and is back to normal clarity. On my first visit I was concerned about the new growth of hydrilla especially in the shallow areas of the lake. I contacted Dharmen Setaram and Dr. Haller to inspect the hydrilla. On May 27th, Dr. Haller and Dharmen inspected the lake with me and determined the amount of hydrilla by raking the bottom lake. They found the hydrilla was growing in a band around the perimeter of the lake. This band of hydrilla is new growth from tubers that were buried in the lake bottom. Dr. Haller determined that the grass carp are actively feeding on the outer part of the band of hydrilla. Many fragments of hydrilla were observed floating in the lake. Dr. Haller will be making a recommendation for possible treatment of the hydrilla as well as his thoughts about the hydrilla infestation.

South Lake Asbury

On May 21st I treated the minor amounts of hydrilla growing around the perimeter of the lake. I did not charge for this hydrilla treatment. I was pleased with the results of the treatment in the southern end and the south eastern side of the lake. The water clarity is very good and the overall condition of the lake is good. I am expecting the grass carp to help us control the hydrilla. I will keep a close eye on the hydrilla throughout the summer.

I will be attending your meeting on June 2nd to discuss the hydrilla.

Doug Charles