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Service Report

Date: September 11, 2008

Biologist: Doug Charles

Client: Lake Asbury Municipal Service

Contact: Mr. Rob Bowmaster

Waterways: North and South Lake Asbury

Comments:

North Lake Asbury

Today I treated the hydrilla with Aquathol Super K on the lakefronts where individual homeowners have contacted me and are paying themselves. The last month's treatment on individual lakefront's that my brother conducted had good results on the hydrilla. It seems that the Aquathol Super K (granular) works much better than the liquid Aquathol when doing partial treatments.

While on the lake today I observed hundreds of grass carp feeding on the hydrilla. This is very good news especially since we did have some overflow over the weir from tropical storm Faye. From by best estimate the carp are controlling hydrilla in the deeper parts of the lake (six feet and deeper). In the shallower parts of the lake(less than six feet deep) such of the coves and along the lakeshore in the main body, the hydrilla is still growing faster than the carp can eat it. Please keep in mind that the second year of the carp's stocking has the best control of hydrilla.

South Lake Asbury

The results from last partial treatment on the hydrilla was not as good as I had hoped. There are some parts of the lake such as the west lakeshore is in good condition. However the southern and eastern coves are heavily infested with hydrilla. The northwest cove is getting re-infested too. I did not observe any grass carp feeding and also of concern is that the hydrilla that is topped out in several sections of the middle of the lake.

Recommendations:

I strongly recommend stocking more grass carp in both lakes. Grass carp will be available in October. I can contact the Game Commission to get the current grass carp permit modified. With your permission, I will request 1000 more for each lake. I will also find out the cost of grass carp transportation to Lake Asbury. I have already found out there will be no increase in the cost of the carp themselves.

I also recommend we plan for a major application of aquatic herbicide to control hydrilla for both lakes early next year. There are three aquatic herbicides that are used to control hydrilla in large lake systems. Endothal, trade name Aquathol, Fluridone, trade name Sonar and Imazamox trade name Clearcast are the three aquatic herbicides used on hydrilla. I propose having each product representative come to your monthly meeting for the next three meetings and present their product. Each presentation would allow for an extensive question and answer period after their presentation. After the three consecutive monthly meetings the board can make an informed decision on the future of hydrilla control by herbicide. I am already in the process of setting up these meetings. For your information, there will be no cost or obligation to any product representative. Please feel free to call or email with questions or comments.

Doug Charles