



3167 St. Johns Bluff Rd. S., Ste. 204, Jacksonville, FL 32246

Fax: 904-807-9158

Phone: 904-997-0044

Toll Free: 866-990-0044

Service Report

Date: October 8, 2008

Biologist: Doug Charles

Client: Lake Asbury Municipal Service

Contact: Mr. Rob Bowmaster

Waterways: North and South Lake Asbury

Comments:

North Lake Asbury

I treated seven lakefronts today with Aquathol Super K (granular). These lakefront owners contacted me beforehand and were charged accordingly. The previous Aquathol Super K treatments had excellent results and the lakefront owners I spoke to were pleased with the results.

As I inspected the lake I found the hydrilla to be growing only in the shallow areas of the lake, six feet deep or less. I observed more grass carp today (too many to count) feeding on the hydrilla than I have ever witnessed. They were primarily on the deep edge of the hydrilla infestation. I feel confident the current amount of grass carp in the lake will overtake the existing hydrilla infestation. The time it will take for this to happen is difficult to predict.

I recommend printing an article in your newsletter discussing the lakefront treatments with Aquathol Super K. I believe if most of the lakefront owners had their respective lakefronts treated the length of time the grass carp can overtake the hydrilla will be shortened. Furthermore, if the hydrilla has been eradicated by this Winter, then come Spring we will be in much better shape for the grass carp to keep up with the new tuber growth. In addition, if we

can get most of the lakefront owners to have their lakefronts treated, the likelihood of a major aquatic herbicide application will be unnecessary. I will be happy to assist in writing the article for your newsletter concerning the lakefront treatments.

South Lake Asbury

Unfortunately in this lake the hydrilla has continued to spread. The hydrilla is topped out in the middle of the lake where we would expect control by the grass carp. Obviously we do not have enough grass carp to control the hydrilla.

The hydrilla was treated in the southern end of the lake since it is now non-navigatable. This treatment will knock back and not control the aquatic weeds in the southern part of this lake.

I strongly recommend the additional stocking of 1000 more triploid grass carp. I am now checking on size availability and cost.

Recommendations:

I recommend the lakefront owners in both lakes who have hydrilla contact us for lakefront treatments. The cost for the average lakefront 100 feet wide is now \$120. per lakefront per treatment. These treatments will help the individual as well as the entire lake hydrilla control program. If we can get most of the lakefront owners to get their lakefront treated, the grass carp in the North Lake may do the rest. In the South Lake I recommend stocking more carp until we can observe control. (1000 carp ASAP)

I am also working with the Sonar representative (Dan Bergeson) to give your board a presentation for hydrilla control using fluridone. I am planning to have this presentation for your November meeting.

Doug Charles