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## Service Report

**Date:** September 10, 2007

**Biologist:** Doug Charles

**Client:** Lake Asbury Municipal Service

**Contact:** Mr. Larry Pitts

**Waterways:** North and South Lake Asbury

### **Comments:**

#### **North Lake Asbury**

Unfortunately, the hydrilla growth has exploded throughout the entire lake. There are also large mats of floating hydrilla that have blown to the northern side of the lake. The hydrilla will continue to grow at a very fast rate until the water cools, it is treated, it is eaten by grass carp or the lake is drawn down.

At this moment we have scheduled stocking of 1000 ten to twelve inch grass carp for the 20<sup>th</sup> of September. All are welcome to observe or help stock the grass carp. This stocking is a very aggressive stocking rate meant to have an impact on the hydrilla infestation. It is very difficult if not impossible to predict when and how much control will be achieved by this grass carp stocking. Predators such as otters and large mouth bass prey on grass carp. Both otters and very big largemouth bass have been observed in the lake. The lake association did stock the lake with a large number of grass carp many years ago and the hydrilla was completely controlled. The conditions of the lake are much different than the time of the previous aggressive stocking.

In the monthly meeting, we also discussed conducting a drawdown to help control the hydrilla. Drawdowns have been used successfully on the lake before, however the engineers that designed the dam have recommended against drawdowns. Damage could occur from a drawdown especially if the lake was drawdown longer than planned. A drawdown of the lake will not hurt the grass carp since we will still have approximately 20 acres of lake. We will continue to entertain the drawdown method of hydrilla control in future meetings.

Also, I have emailed Dr. Ken Langeland from the University of Florida regarding the hydrilla infestation.

### **South Lake Asbury**

Hydrilla was observed and treated along the north and northwest corner of the south lake. There were small amounts of hydrilla that was treated along the east side of the lake. The larger areas of hydrilla were treated with Aquathol K (liquid) and the small patches were treated with Aquathol Super K (granular). See map where hydrilla was observed and treated.

We plan to stock another 100 grass carp into the south lake on the 20<sup>th</sup> of September as well.

Please feel free to call or email with questions or comments to our new email address at [customerservice@charlesaquatics.com](mailto:customerservice@charlesaquatics.com)

**Doug Charles**