

LAKE AND POND REMEDIATION, INC.

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CHARLES AQUACULTURE, LLC

15350 N US Highway 301 Citra, FL 32113

LAPR Office: 352-595-8863

Fish farm Office: 352-595-1700

Service Report

Date: September 16, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Schooner, Green Clean,
Pond dye, Weedar 64, Cide Kick

Weather Conditions: Overcast, windy.

Lake Y-2: Rated: 6

- Lake level is high.
- Moderate to heavy floating cyanobacteria, single celled blue-green algae, in north cove only.
- Ultrasound is now working, but it is not keeping up with the cyanobacteria outbreak.
- Midge Flies are moderate.



Treatment: I launched the airboat and treated the floating cyanobacteria with Green Clean (Hydrogen peroxide), Pond dye, and Cide Kick.

Recommendations: I want to upgrade the cyanobacteria program further by introducing beneficial bacteria. **We will send you information and cost this week.**

Lake 6: Rated: 5

- Water level is high.
- Heavy floating bladderwort, algae, and spikerush.



Treatment: I launched the airboat and treated the bladderwort, algae, and spikerush.

Recommendations: I will stock 30 grass carp in Fall.

Lake V-2: Rated: 9

- Moderate shoreline grasses.



Treatment: I launched the airboat and treated the grasses.

Recommendation: None.

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Lake KK: Rated: 8

- Moderate to heavy grasses around the perimeter.



Treatment: I launched the airboat and treated the shoreline grasses.

Recommendations: None.

Lake 5: Rated: 10

- Excellent kill on shoreline grasses last time.



Treatment: Inspection only.

Recommendations: None.

Lake I-2: **Rated: 9**

- Spotty shoreline grasses.
- No gators.



Treatment: I will treat this lake next time.

Recommendation: Be on the lookout for gators.

Lake N: **Rated: 9**

- Minor shoreline grasses.
- Minor bacopa.



Treatment: Inspection only.

Recommendation: Be on the lookout for gators.