

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: December 11, 2023

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: None

Lake V-2: Rated: 7

- Moderate chara and spikerush infestation is dying from last treatment.
- Spotty torpedo grass.



Treatment: I stocked 41 large triploid grass carp (No charge).

Recommendations: Keep a lookout for gators.

Lake 6: Rated: 6

- Moderate to heavy live and dying spikerush.



Treatment: I stocked 7 large triploid grass carp to control the spikerush (no charge).
Recommendations: Keep a lookout for gators.

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Lake Y-2: Rated: 6

- Heavy microcystin (cyanobacteria) outbreak, looks like green paint in the north cove of the lake.



Y-2

Treatment: I plan to apply alum (flocculant) next Monday to bind to the excess phosphorous in the lake. This alum treatment is the most effective control method for cyanobacteria (also called Blue-green algae). **See attached letter that explains more about cyanobacteria growth and treatment.**

Recommendations: Keep a lookout for gators.

Lake L: Rated: 9

- Minor microcystin (cyanobacteria) outbreak, looks like green paint in the north cove of the lake. This cyanobacterium is in many of the ponds that are adjacent to the golf course.



Treatment: None.

Recommendations: Keep a lookout for gators.