

# 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 30, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Alum, Copper sulfate,  
Diquat

Weather Conditions: Partly cloudy, light winds out of the southwest.

Lake Y-2: Rated: 6

- Lake level is high.
- Moderate to heavy floating cyanobacteria (single celled blue-green algae) in north cove only.
- Minor to moderate alligatorweed and bacopa along the shoreline of the south side of the lake.
- Ultrasound is on.



**Treatment:** I launched the airboat into the north cove and applied 200 pounds of alum again in the north cove. I also treated the shoreline grasses in both the north and south sides of the lake.

**Recommendations:**

**Lake 6:**    **Rated: 7**

- Spotty floating dead and decaying weeds with algae growing on the dead vegetation.



**Treatment:** I launched the airboat and treated the remainder of the weeds.

**Recommendations:** I plan to stock 30 grass carp this Fall to help control the weeds.

**Lake L:**    **Rated: 8**

- Minor to moderate shoreline grasses.



**Treatment:** I plan to treat the shoreline grasses next time.

**Recommendation:** None.