

# 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 9, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: None

Weather Conditions: Overcast, rain imminent. Heavy rains have flushed the ponds.

Lake Y-2: Rated: 7

- Lake level is high.
- Moderate floating cyanobacteria, single celled blue-green algae in north side only.
- Ultrasound is now working; it should help control floating cyanobacteria.



Treatment: I hand raked the north cove and sprayed adjuvant to break up the surface tension of the floating cyanobacteria.

Recommendations: None.

**Lake L:**    **Rated: 9**

- Water level is high.
- Spotty shoreline grasses.



**Treatment:** Inspection only.

**Recommendations:** None.

**Lake ER-1:**    **Rated: 7**

- Spotty floating red ludwigia and bacopa.
- Minor alligatorweed along the edge.



**Treatment:** I hand raked a lot of floating red ludwigia, bacopa and alligatorweed.

**Recommendation:** None.