

# 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: June 17, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Aquaneat

Weather Conditions: Partly cloudy, windy.

Special Notes: Many of the lakes are very low from lack of rain causing temporary issues such as algae blooms and discoloration. Once the typical rains start, the lakes will improve.

Lake Y-2: Rated: 8

- Lake level is very low.
- Minimal floating cyanobacteria, single celled blue-green algae and spotty back algae at NE cove.



Treatment: I hand raked the debris in the NE cove.

Recommendations: Dig out NE cove with small machine.

**Lake L: Rated: 10**

- Water level is very low.
- No weeds.



**Treatment:** Inspection only

**Recommendations:** I will monitor this lake closely.

**Lake SV2B: Rated: 8**

- Spotty torpedo grass amongst the beneficial aquatic plants.
- Beneficial plants have covered the staff gauge.



**Treatment:** I treated the aquatic plants near the staff gauge and torpedo grass.

**Recommendation:** None

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Lake ER-1: Rated: 7

- Moderate to heavy bacopa and red ludwigia, which are native beneficial submersed plants, but are too heavy and are topped out around the perimeter.



**Treatment:** I launched the airboat and treated the weeds listed above.

**Recommendations:** None.