

# 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: August 19, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Copper sulfate, Aquaneat,  
Ecomazapyr, Weedar 64

Weather Conditions: Partly cloudy, hot.

Special Notes: We are now in the rainy season, and the midge flies have increased.

Lake Y-2: Rated: 6

- Lake level is high.
- Moderate filamentous algae along the edge.
- Ultrasound not working, a new one is being shipped from the manufacturer.



Treatment: I treated the algae by broadcasting algacide. **Once I receive the new ultrasound, I will install it. The only cost is shipping.**

Recommendations: None.

**Lake 10:**    **Rated: 8**

- Water level is high.
- Minor algae and alligatorweed.



**Treatment:** I hand raked some of the algae.

**Recommendations:** None.

**Lake E:**    **Rated: 7**

- Water level is high.
- Spotty torpedo grass and alligatorweed.
- Control structure was partially clogged.



**Treatment:** I launched the airboat and treated the torpedo grass and alligatorweed. I also cleaned the control structure.

**Recommendation:** May need more carp this Fall.

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Lake SV3: Rated: 6

- Water level is high.
- Very heavy aquatic clover.



**Treatment:** I treated the clover by backpack.

**Recommendations:** Boat access would help greatly.

Lake 5: Rated: 7

- Water level is normal.
- Moderate shoreline grasses.



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

**Recommendations:** None.

Lake L: Rated: 9

- Minor shoreline grasses and algae.



**Treatment:** Inspection only.

**Recommendation:** Be on the lookout for gators.