

# 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: January 2, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Alum

Weather Conditions: Cool and sunny.

Special Notes: There has been an outbreak of cyanobacteria on several of the lakes in Palencia.

Lake Y-2: Rated: 6

- Cyanobacteria is heavy in the extreme southern tip of the south lake, and minor elsewhere.
- Minimal trash.



Treatment: I launched my boat and treated the cyanobacteria with 100 lbs. of alum (twice the rate as last week).

Recommendations: None.

**Lake L:** Rated: 9

- Minor algae around the perimeter.
- Much less cyanobacteria than last week.



**Treatment:** None.

**Recommendations:** None.

**Lake N:** Rated: 9

- Cyanobacteria has dissipated from last week.



**Treatment:** I picked up the trash.

**Recommendations:** None.

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Lake I-1: Rated: 3

- Extremely heavy, thick layer of cyanobacteria blown into the east side of this lake.



**West – this is where it was before**



**East – this is where it is today**

**Treatment:** I launched my boat and applied 100 lbs. of alum on the heavy cyanobacteria.

**Recommendations:** None.