

LAKE AND POND REMEDIATION, INC.

&

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: February 5, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Green Clean

Weather Conditions: Cool, overcast today.

Special Notes: There has been a continuing outbreak of cyanobacteria in several of the lakes in Palencia including 11, I-1, Y-2, N & A. **After leaving Palencia,** I spoke to Mr. Tom Warmuth, the National Sales Manager of Biosafe Systems, an **expert on Cyanobacteria treatment.** I have been taught a new treatment method that I will be implementing next week.

Lake Y-2: Rated: 9

- Cyanobacteria is much less since the ultrasound has been fixed.
- Moderate pine pollen on west side.



Treatment: None needed, ultrasound is working.

Recommendations: None.

Lake I-1: **Rated: 4**

- Heavy layer of cyanobacteria blown into the south and west ends of the lake.



Treatment: I launched my boat and applied 3.5 gallons on the heavy cyanobacteria.

Recommendations: I plan to use new treatment method next week.

Lake A: **Rated: 6**

- Cyanobacteria is moderate in the south end.



Treatment: I treated the best I could by backpack.

Recommendations: None.

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Lake N: Rated: 9

- Minor Cyanobacteria has blown to the south end.



Treatment: I treated the cyanobacteria by backpack.

Recommendations: Need dry weather.

Lake 11: Rated: 4

- Heavy cyanobacteria on the south end of the lake.



Treatment: I treated by backpack with Green Clean.

Recommendations: I plan to treat with the new treatment method next week.

Lake L: Rated: 8

- Moderate green algae on the east side.



Treatment: I will treat next time.

Recommendations: Need dry weather.

Lake V-2: Rated: 9

- Excellent results from the last treatment.
- Spotty floating bladderwort around perimeter.



Treatment: None.

Recommendations: Need dry weather.

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Lake I-2: Rated: 10

- No weeds.
- Looks good.



Treatment: None.

Recommendations: None.