

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 12, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Green Clean

Weather Conditions: Warm, windy, partly cloudy today.

Special Notes: Today, I implemented the new treatment program using high rates of Green Clean a strong oxidizer. There is heavy pine pollen (yellow dust) blown into the corners of the lakes.

Lake Y-2: Rated: 9

- Cyanobacteria has been eliminated since fixing the ultrasound.
- 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 15.0 gallons of green clean on the heavy cyanobacteria.

Recommendations: I will continue to closely monitor this infestation.

Lake A: Rated: 10

- Cyanobacteria has diminished.



Treatment: None needed.

Recommendations: None.

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Lake N: Rated: 9

- No Cyanobacteria in the south end.



Treatment: None needed.

Recommendations: Need dry weather.

Lake 11: Rated: 4

- Heavy cyanobacteria on the south end of the lake.



Treatment: I treated it with 15.0 gallons of Green Clean.

Recommendations: I will monitor this lake closely.

Lake L: Rated: 8

- Moderate green algae around perimeter.



Treatment: I treated the algae by airboat.

Recommendations: Need dry weather.

Lake V-2: Rated: 9

- Spotty dying floating bladderwort around perimeter.



Treatment: None.

Recommendations: Need dry weather.

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Lake 4: **Rated:**

- Minor cyanobacteria



Treatment: Treated it with 1 gallon of green clean.

Recommendations: Keep on monitoring.