

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: March 11, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Green Clean

Weather Conditions: Sunny, cool.

Special Notes: All the lakes with cyanobacteria have less growth on the surface than earlier in the year. This year has had the most cyanobacteria than previous years. Also, in previous years the cyanobacteria seem to go dormant and diminish as Spring begins. The pine pollen (yellow film on surface) has been very heavy.

Lake Y-2: Rated: 9

- Mixture of cut grass, pine pollen and algae floating on the northwest side.



Treatment: Hand raked the floating debris.

Recommendations: None.

Lake I-1: **Rated: 6**

- Floating cyanobacteria present is moderate blown into east side.

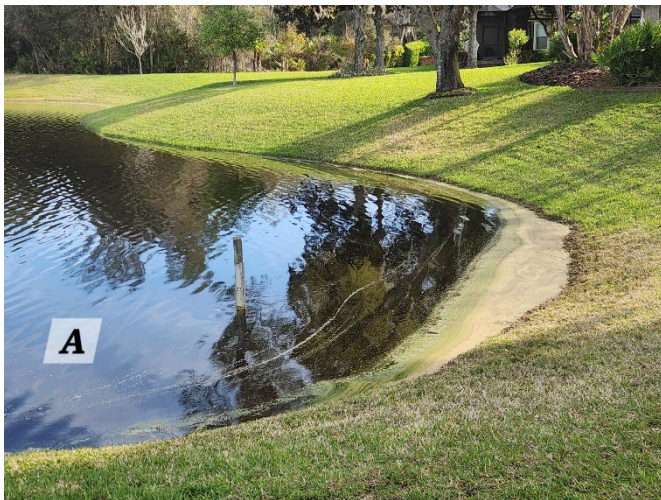


Treatment: I aggressively treated the cyanobacteria with 20 gallons of Green Clean.

Recommendations: I will continue to closely monitor this infestation.

Lake A: **Rated: 9**

- Minor Cyanobacteria and pine pollen in the southwest corner.



Treatment: None.

Recommendations: None.

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Lake N: Rated: 9

- Minor cutgrass and algae floating on the south end.
- Good results on bacopa (submersed weed).



Treatment: Hand raked the floating debris and weeds.

Recommendations : None.

Lake 11: Rated:

- Minor cyanobacteria floating in the north end.
- No gators observed.



Treatment: None.

Recommendations: I am looking into leasing a Solar Ultrasound System for this lake.

Lake L: Rated: 8

- Spotty green algae around the east and south perimeter.

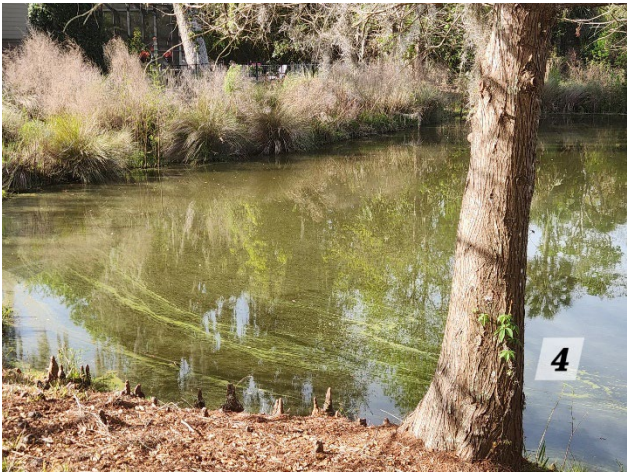


Treatment: I plan to treat the algae next time.

Recommendations: None.

Lake 4: Rated: 9

- Minimal floating cyanobacteria in south end.



Treatment: I need bright sunlight for algaecides to work.

Recommendations: Need dry weather.