

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 4, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: None

Weather Conditions: Overcast, mild.

Special Notes: After the 3 inches of rain the lakes were flushed and most of the floating cyanobacteria is gone from the surface.

Lake Y-2: Rated: 9

- There is a mixture of cut grass, pine pollen, and algae floating on the northwest side.
- Some trash in the lake.



Treatment: I hand raked the floating debris and picked up the trash.

Recommendations: None.

Lake I-1: Rated: 10

- No floating cyanobacteria present now, has been the worst lake with cyanobacteria.

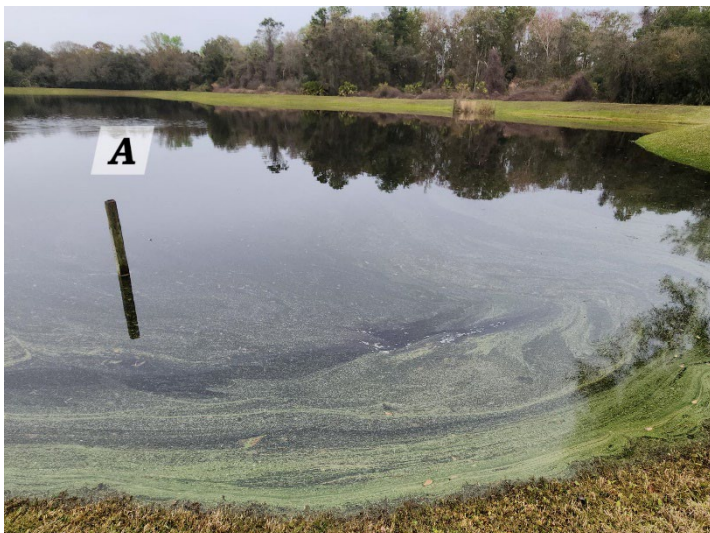


Treatment: None needed after several weeks of aggressive treatments and then heavy rain.

Recommendations: I will continue to closely monitor this infestation.

Lake A: Rated: 9

- Minor cyanobacteria in the southwest corner.



Treatment: Chemical treatments work best in bright sunlight.

Recommendations: None.

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Lake N: Rated: 9

- Minor cutgrass and algae floating on the south end.



Treatment: Hand raked the floating debris and weeds. I had good results from last week's bacopa treatment.

Recommendations: Need dry weather.

Lake 11: Rated: 9

- Minimal cyanobacteria floating in the south end.
- Spotty dead grasses from previous treatment.



Treatment: Hand raked the dead grasses.

Recommendations: I will monitor this lake closely.

Lake V-2: Rated: 10

- Minimal algae and submersed weeds on east side.



Treatment: I hand raked the excess floating weeds.

Recommendations: Need dry weather.

Lake 6: Rated: 8

- Good kill from last week's treatment.



Treatment: Hand raked the floating debris and weeds.

Recommendations: Need dry weather.

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Lake E: Rated: 10

- Minimal debris around the edge.



Treatment: Hand raked the debris.

Recommendations: None.

Lake L: Rated: 8

- Spotty green algae around perimeter.



Treatment: I need bright sunlight for algaecides to work.

Recommendations: Need dry weather.

Lake ER-1: **Rated: 7**

- Moderate dying bacopa and red Ludwigia on the south side.



Treatment: Hand raked the excess floating weeds.

Recommendations: Need dry weather.

Lake 4: **Rated: 8**

- Minimal floating cyanobacteria in the south end.



Treatment: I need bright sunlight for algaecides to work.

Recommendations: Need dry weather.

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Lake SV3: Rated: 7

- Excellent kill from last week's backpack treatment.



Treatment: Floating weeds on far undeveloped side unreachable by backpack.

Recommendations: Need dry weather.