

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: April 8, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Copper sulfate

Weather Conditions: Mostly sunny, mild.

Special Notes: All cyanobacteria outbreaks have dissipated.

Lake Y-2: Rated: 9

- Minor floating debris in the NE cove.



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

Recommendations: None.

Lake A South: **Rated: 7**

- Last week's treatment on the submerged weeds is starting to work.



Treatment: Inspection only.

Recommendations: I will continue to closely monitor this infestation.

Lake E: **Rated: 9**

- Minor shoreline grasses.



Treatment: I hand raked the shoreline grasses.

Recommendations: None.

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Lake SV3: Rated: 8

- Minor floating clover around the perimeter.



Treatment: Inspection only.

Recommendations: I need boat access.

Lake SV2B: Rated: 9

- Beneficial grasses are doing well.
- Minimal invasive shoreline grasses.



Treatment: Inspection only.

Recommendations: None.

Lake I-1: Rated: 10

- No cyanobacteria.
- Minimal shoreline grasses.



Treatment: The heavy cyanobacteria seem to grow in the winter only.

Recommendations: None.

Lake SV2A: Rated: 10

- Minimal algae and shoreline grasses.



Treatment: None needed.

Recommendations: None.

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Lake SV2C: Rated: 8

- Spotty submersed bacopa.



Treatment: Inspection only, grass carp will eat the bacopa.

Recommendations: I may need more grass carp.

Lake I-2: Rated: 10

- Minimal debris around the edge.
- Grass carp are doing a great job now that the gators have been removed.



Treatment: Inspection only.

Recommendations: None.

Lake L: Rated: 8

- Spotty green algae around perimeter.



Treatment: I hand raked the heaviest algae and then treated with copper sulfate granular.

Recommendations: None.

Lake 4: Rated: 10

- No weeds.
- Lots of midge flies.



Treatment: None.

Recommendations: None.