

LAKE AND POND REMEDIATION, INC.

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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: October 7, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Schooner, Aquaneat

Weather Conditions: Mostly cloudy and rainy, light winds out of the northeast.

Lake Y-2: Rated: 10

- Lake level is high.
- No floating cyanobacteria, single celled blue-green algae in any of the north side.
- All grasses have been eradicated.
- Ultrasound is on.



Treatment: None needed, the alum and ultrasound seem to have kicked in.

Recommendations: The skimmer idea I do not think I can do since it would be very big, 20 feet wide and be installed over a semi-circle. I recommend we table this idea, especially since the cyanobacteria is under control, for now.

Lake 6: Rated: 8

- Much less floating dead, decaying weeds with algae growing on the dead vegetation.



Treatment: Inspection only.

Recommendations: I plan to stock 30 grass carp this Fall to help control the weeds.

Lake L: Rated: 8

- Minor to moderate shoreline grasses.
- Very high water level.



Treatment: Too wet to treat.

Recommendation: None.

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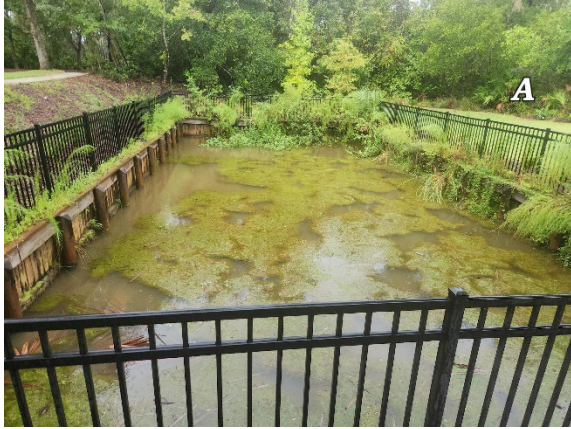
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Basin A: Rated: 5

- Heavy floating bladderwort.
- Moderate to heavy shoreline weeds.



Treatment: I treated the bladderwort by broadcasting Schooner herbicide and sprayed the shoreline weeds by backpack.

Recommendations: I will add this to our monthly program for \$50/month.

Basin B: Rated: 7

- Moderate shoreline grasses.
- Minor bladderwort.



Treatment: I treated both the bladderwort and the shoreline grasses by backpack.

Recommendation: I will add this basin to our monthly program for \$50/month too.

Lake SV2C: Rated: 8

- Patches of floating bacopa.



Treatment: I hand raked the floating bacopa and will treat next week when it is not raining.
Recommendation: None.