LAKE AND POND REMEDIATION, INC.

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CHARLES AOUACULTURE, LLC

15350 N US Highway 301 Citra, FL 32113

LAPR Office: 352-595-8863 Fish farm Office: 352-595-1700

Service Report

Date: April 1, 2024 **Biologist:** Doug Charles

Client: Palencia, Marsh Creek CDD Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds Herbicides used: Schooner, Ecomazapyr

Navigate

Weather Conditions: Partly cloudy, mild wind, warm today.

Special Notes: The two worst ponds, 11 and I-1, with cyanobacteria have dissipated.

Lake Y-2: Rated: 8

- Cyanobacteria is still under control since fixing the ultrasound.
- Moderate debris blown into northeast corner of the lake.





<u>Treatment</u>: I hand raked the debris from NE corner, I had good results from last week's treatment. <u>Recommendations</u>: None.

Lake 10: Rated: 9

• Minor alligatorweed along the perimeter.



<u>Treatment</u>: I treated the alligatorweed by backpack. <u>Recommendations</u>: None.

Lake 1: Rated: 8

• Moderate submersed bacopa and red Ludwigia.



<u>Treatment:</u> I spot treated the weeds by backpack. <u>Recommendations:</u> None.

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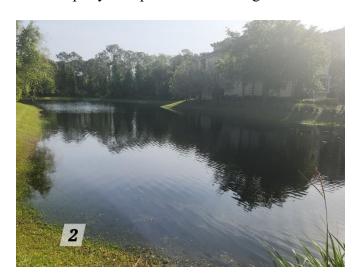
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Lake 2: Rated: 8

• Spotty alligatorweed along the shoreline.

• Spotty bacopa and red Ludwigia in the shallows.



<u>Treatment</u>: I treated the alligatorweed by backpack and the grass carp should control the submersed plants.

Recommendations: None.

Lake CSP: Rated: 9

• Minor bacopa and floating algae around perimeter.



Treatment: Grass carp are working well.

Recommendations: None.

Lake A1: Rated: 10

• No weeds, looks excellent.



<u>Treatment</u>: None today. <u>Recommendations</u>: None.

Lake ER-1: Rated: 7

Spotty submersed bacopa and red Ludwigia.



<u>Treatment</u>: I spot treated with granular selective herbicide. <u>Recommendations</u>: May need more grass carp.

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Lake A: Rated: 10

• No cyanobacteria nor any weeds.



<u>Treatment</u>: None needed. <u>Recommendations</u>: None.

Lake A South: Rated: 5

• Heavy explosion of naiad (submersed plant).

• Spotty chara (underwater plant) and pennywort.



<u>Treatment</u>: I launched the airboat and treated the naiad and pennywort. <u>Recommendations</u>: Restrict irrigation for 3 days (I spoke to Jim Smeland).

Rated: 8 Lake L:

Floating algae on the east side of lake.



<u>Treatment</u>: I plan to treat the algae next time. <u>Recommendations</u>: None.

MUB4: Rated: 9

Minimal debris.



Treatment: None.

Recommendations: None.