

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 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.



Treatment: I hand raked the debris from NE corner, I had good results from last week's treatment.

Recommendations: None.

Lake 10: **Rated: 9**

- Minor alligatorweed along the perimeter.



Treatment: I treated the alligatorweed by backpack.

Recommendations: None.

Lake 1: **Rated: 8**

- Moderate submersed bacopa and red Ludwigia.



Treatment: I spot treated the weeds by backpack.

Recommendations: None.

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Lake 2: Rated: 8

- Spotty alligatorweed along the shoreline.
- Spotty bacopa and red Ludwigia in the shallows.



Treatment: 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.



Treatment: None today.

Recommendations: None.

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

- Spotty submersed bacopa and red Ludwigia.



Treatment: I spot treated with granular selective herbicide.

Recommendations: May need more grass carp.

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Lake A: Rated: 10

- No cyanobacteria nor any weeds.



Treatment: None needed.

Recommendations: None.

Lake A South: Rated: 5

- Heavy explosion of naiad (submersed plant).
- Spotty chara (underwater plant) and pennywort.



Treatment: I launched the airboat and treated the naiad and pennywort.

Recommendations: Restrict irrigation for 3 days (I spoke to Jim Smeland).

Lake L: Rated: 8

- Floating algae on the east side of lake.



Treatment: I plan to treat the algae next time.

Recommendations: None.

MUB4: Rated: 9

- Minimal debris.



Treatment: None.

Recommendations: None.