

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: July 3, 2023

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Glyphosate, Imazapyr

Note: As of 7/6/23 **Triploid Grass carp permit** has been approved for up to 550 fish.

Lake A: **Rated: 6**

- Moderate shoreline grasses around perimeter.
- Two to three foot wide floating algae around perimeter.

No Photo, sorry

Treatment: Due to no boat access, I backpacked the shoreline grasses.

Recommendations: **I need boat access to properly treat this lake.**

Lake 10: **Rated: 9**

- Minor to moderate shoreline grasses.
- Trespassers are fishing this pond for our grass carp.



Treatment: I treated the shoreline grasses by backpack.

Recommendations: **Please post signs to keep trespassers off community property and stealing our grass carp. FL Statute 68A-23.088**

Lake 1: Rated: 7

- Minor shoreline grasses and floating algae.
- Water level is high.
- Some trash in the pond.



Treatment: I treated the grasses and removed some trash.

Recommendations: None.

Lake 2: Rated: 10

- Lake level is high.
- No trash and minimal weeds.



Treatment: None needed.

Recommendations: Keep an eye out for gators.

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Lake CSP: Rated: 9

- Good kill on shoreline grasses from last treatment.
- Some trash.

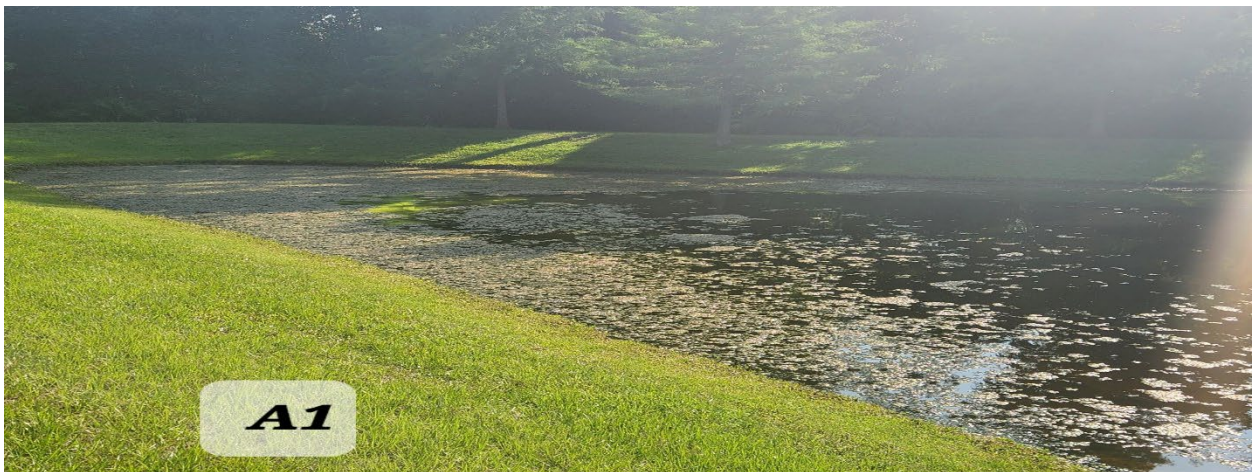


Treatment: I removed the trash.

Recommendations: None.

Lake A1: Rated: 6

- Heavy algae bloom.
- No grasses or trash.



Treatment: I launched the airboat through the widened boat access and treated the algae.

Recommendations: None.

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

- Lake level is high.
- Spotty bacopa and red ludwigia (native beneficial submersed aquatic plants) around perimeter.

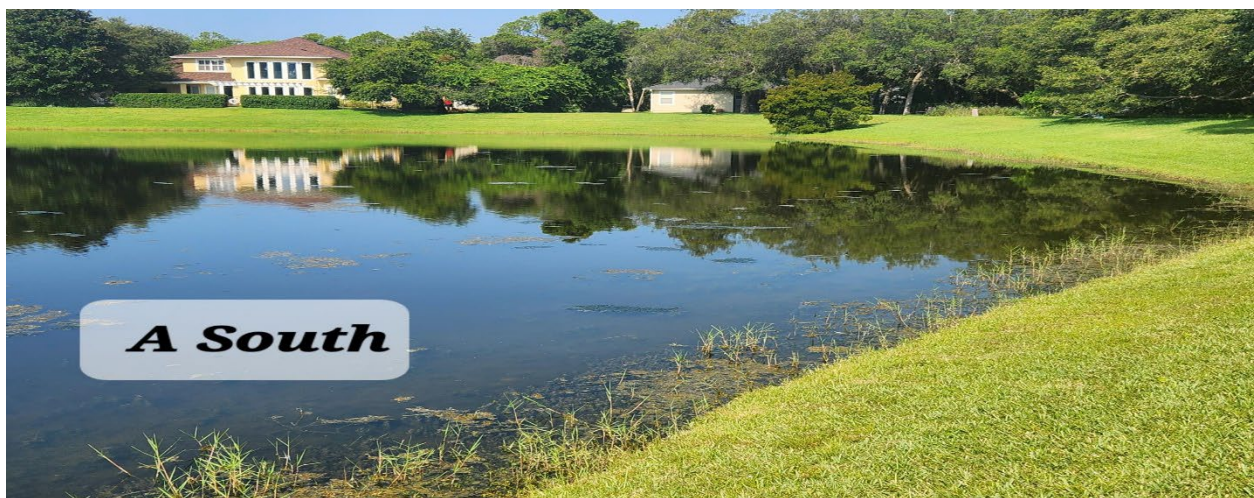


Treatment: Chemical treatment needed, which would need irrigation restriction, but that has not been possible.

Recommendations: I plan to stock more grass carp this fall.

Lake A South: **Rated: 7**

- Moderate shoreline grasses.
- Some floating algae and chara.



Treatment: I treated the grasses, algae and chara by airboat.

Recommendations: None

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Lake MUB4: Rated: 8

- Minimal shoreline grasses.
- Some floating debris in the north end.
- Water level is high.



Treatment: None at this time.

Recommendations: None.

Lake V-2: Rated: 6

- Good kill from last treatment on chara, shoreline grasses and moderate kill on spikerush.
- Some floating debris (dying weeds) around perimeter.
- Water level is normal.



Treatment: I cleaned the fish barrier and replaced the grate covering the control structure.

Recommendations: I will work on installing new fish barriers that better meet permit conditions.