

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: August 28, 2023

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Schooner, copper sulfate,
Cutrine

Lake 1: Rated: 7

- Pond level is back to normal after clearing clogged fish barrier. Grass will grow back that were submerged.
- Spotty bacopa around perimeter.



Treatment: I hand raked some bacopa out of the pond.

Recommendations: Stock more grass carp.

Lake 2: **Rated: 6**

- This pond is directly connected to Lake 1 and was high before unclogging the fish barrier.
- Moderate bacopa around perimeter.



Treatment: I hand raked some bacopa.

Recommendations: I plan to stock grass carp this Fall to better control the bacopa.

Lake MUB-4: **Rated: 8**

- Minor floating debris that grass carp have removed.
- Minor alligatorweed around perimeter.



Treatment: I hand raked the alligatorweed and some of the floating debris.

Recommendations: None.

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Lake A South: Rated: 7

- Minimal shoreline grasses.
- Naiad growing in the shallows around the pond.



Treatment: I will treat the naiad once the irrigation has been restricted for 3 days.

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

Lake E: Rated: 5

- Moderate grasses around perimeter.
- Heavy floating algae.
- Spotty naiad in cove area.



Treatment: I launched the airboat and treated the grasses, algae, and naiad. I also used the airboat to break up the decaying algae at the surface which has broken off the pond bottom in mats.

Recommendations: I plan to stock more grass carp.

Lake SV3: Rated: 5

- Good kill on most of the shoreline grasses.
- Heavy algae bloom.



Treatment: I treated the algae by broadcasting algaecide and hand raked some of the dying floating grasses.

Recommendations: I would like boat access to this pond if possible.

Lake I-1: Rated: 9

- Good kill on shoreline grasses from last treatment.



Treatment: None needed.

Recommendations: None.

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Lake V-2: Rated: 7

- Minor grasses around perimeter.
- Moderate dying spikerush and chara from previous treatment.
- Water level is low and fish barriers are off in preparation for the hurricane.



Treatment: I made sure barriers were off.

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

Lake 6: Rated: 5

- Good kill on grasses, but spikerush is still heavy.
- Algae is growing on topped out spikerush.



Treatment: I need to restrict irrigation for 5 days so I can treat the spikerush.

Recommendations: I plan to stock grass carp in the winter.

Lake Y-2: Rated: 10

- Awesome condition.



Treatment: None needed.
Recommendations: None.

Lake L: Rated: 10

- Excellent condition.



Treatment: None needed.
Recommendations: Keep a lookout for gators.

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Lake SV2B: Rated: 10

- Minimal torpedo grass.
- Beneficial grasses are doing well.



Treatment: None needed.

Recommendations: None.