

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: June 5, 2023

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Glyphosate, Copper Chelate,
Copper Sulfate

Comments: Today I finished improving the fish barriers to meet FWC permit conditions for stocking triploid grass carp. I observed gators in ponds V-2 and I-2. The four most challenging ponds L, Y-2, V-2 and I-2 have all been significantly improved by the stocking of grass carp. All four are doing extremely well, with the exception of V-2, where we had a major fish kill of unknown cause. I have restocked V-2 and will restock again.

Lake CSP: Rated: 9

- Minor shoreline grasses around the perimeter.
- Some trash on the south end.



Treatment: I installed the fish barrier over the bleddown structure and treated the grasses by airboat. I also picked up trash.

Recommendations: Keep an eye out for gators.

Lake 3 : Rated: 9

- Minor shoreline grasses
- Water level is normal.
- No gators observed.



Treatment: I installed the fish barrier over the bleddown orifice.

Recommendations: Keep a lookout for gators.

Lake V-2 : Rated: 4

- Very heavy chara, especially at inflows where fertilizer run-off is coming in.
- Moderate spikerush around the perimeter.
- Moderate shoreline grasses.
- **One gator observed in the south end.**



Treatment: I launched the airboat and treated the chara. It was too windy to treat the grasses, they will be treated next time.

Recommendations: Please have the gator removed so the grass carp can help keep the pond clean.

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Lake I-2 : Rated: 9

- Large gator at north end.
- Minor shoreline grasses.



Treatment: Too windy to treat grasses.

Recommendations: Please have gator removed.

Lake L : Rated: 10

- No gators observed.
- Pond is in great condition, especially for this time of year, considering the heavy weed growth that this pond has had in the past.



Treatment: None needed.

Recommendations: Keep a lookout for gators.

Lake Y-2 : Rated: 10

- No gators observed.
- Pond is also in great condition, especially for this time of year and considering the heavy weed growth that this pond has had.
- Some floating debris in NW corner.



Treatment: None needed.

Recommendations: Keep a lookout for gators.