

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: August 12, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: None (hand raked)

Weather Conditions: Partly cloudy, hot. Water levels are high from the storm - Debby.

Special Notes: We are now in the rainy season, and the midge flies will likely increase.

Lake Y-2: Rated: 6

- Lake level is high.
- Moderate to heavy floating cyanobacteria, single celled blue-green algae.
- **Ultrasound is not working; a new one is being shipped.**



Treatment: I hand raked the debris in the NE cove, and the ultrasound will be replaced ASAP and it will better control the floating cyanobacteria.

Recommendations: None.

Lake 1: Rated: 10

- Water level is high.
- Moderate submersed bacopa.



Treatment: Inspection only.

Recommendations: Needs more grass carp this Fall.

Lake 2: Rated: 9

- Water level is high.
- Spotty submersed bacopa around the perimeter.



Treatment: Inspection only.

Recommendation: May need more carp this Fall.

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Lake CSP: Rated: 10

- Water level is high.
- No weeds or trash.



Treatment: Inspection only.

Recommendations: None.

Lake A1: Rated: 10

- Water level is normal.
- No submersed weeds.



Treatment: Inspection only.

Recommendations: None.

Lake ER-1: **Rated: 9**

- Spotty floating bacopa and red ludwigia.
- Minor alligatorweed.



Treatment: I hand raked some of the floating weeds.

Recommendation: Be on the lookout for gators.

Lake A: **Rated: 10**

- Minor shoreline grasses.



Treatment: Inspection only.

Recommendation: Grasses will be treated next time.

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Lake A South: **Rated: 9**

- Minor naiad, submersed weed.
- Algae and grasses have been eradicated.



Treatment: Inspection only.

Recommendation: Needs more carp this Fall.

Lake MUB-4: **Rated: 9**

- Moderate floating debris in north end.
- No gators.



Treatment: I hand raked the debris and removed trash..

Recommendation: Be on the lookout for gators.

Lake L: Rated: 10

- Water level is very high.
- Minor shoreline grasses.



Treatment: Inspection only.

Recommendation: Be on the lookout for gators.