## **LAKE AND POND REMEDIATION, INC.**

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#### CHARLES AOUACULTURE, 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 <u>Biologist</u>: 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.



<u>Treatment</u>: 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.



<u>Treatment</u>: Inspection only. <u>Recommendations</u>: None.

#### Lake A1: Rated: 10

- Water level is normal.
- No submersed weeds.



<u>Treatment</u>: Inspection only. <u>Recommendations</u>: None.

### Lake ER-1: Rated: 9

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



<u>Treatment</u>: I hand raked some of the floating weeds. <u>Recommendation</u>: 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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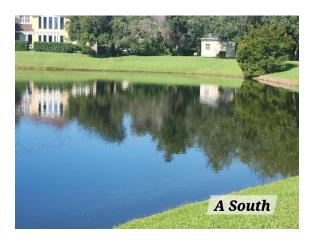
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#### **Lake A South:** Rated: 9

• 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.



<u>Treatment</u>: I hand raked the debris and removed trash.. <u>Recommendation</u>: Be on the lookout for gators.

#### Lake L: Rated: 10

- Water level is very high.Minor shoreline grasses.



<u>Treatment</u>: Inspection only. <u>Recommendation</u>: Be on the lookout for gators.