## **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:** June 24, 2024 **Biologist:** Doug Charles

**Client:** Palencia, Marsh Creek CDD Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds Herbicides used: Aquaneat,

Ecomazapyr, Schooner

Weather Conditions: Partly cloudy, warm.

<u>Special Notes:</u> Many of the lakes are very low from lack of rain causing temporary issues such as algae blooms and discoloration. Once the typical rains start, the lakes will improve.

#### **Lake Y-2:** Rated: 9

- Lake level is very low.
- Minimal floating cyanobacteria, single celled blue-green algae and spotty back algae at NE cove.



**Treatment:** I hand raked the debris in the NE cove.

**Recommendations:** Dig out NE cove with small machine now that the lake is extremely low.

#### **Lake L**: Rated: 10

- Water level is very low.
- No weeds.



**Treatment:** Inspection only

**Recommendations:** Aeration is always a good idea.

#### **Lake 10:** Rated: 10

- Minimal shoreline grasses.
- I observed a 16 inch grass carp (excellent).
- Water level is normal.



**Treatment:** Inspection only. **Recommendation:** None

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#### Lake 1: Rated: 8

- Water level is normal.
- Moderate trash.
- Moderate bacopa along the edge.



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

#### Lake 2: Rated: 8

- Water level is normal.
- Minimal trash.
- Moderate bacopa and red ludwigia along the edge.

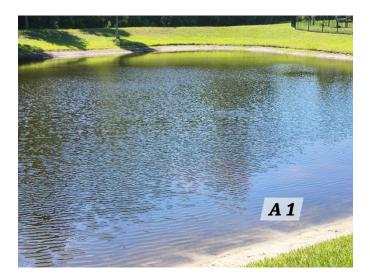


**Treatment:** I hand raked some of the heaviest weeds.

Recommendations: None.

#### Lake A-1: Rated: 10

- Water level is low.
- No trash.
- No weeds.



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

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

- Water level is normal.
- Minimal trash.
- Moderate to heavy bacopa and red ludwigia along the edge is dying from last treatment.



<u>Treatment</u>: I hand raked some of the heaviest weeds.

**Recommendations:** None.

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#### **Lake A:** Rated: 10

- Water level is normal.
- No trash.
- Minimal shoreline grasses.



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

#### Lake A South: Rated: 6

- Water level is low.
- Minimal trash.
- Heavy dying naiad, moderate shoreline grasses, spotty chara.



<u>Treatment</u>: I launched the airboat and treated the naiad, shoreline grasses and chara.

**Recommendations:** I will stock more grass carp in the Fall.

#### **Lake MUB4:** Rated: 8

- Water level is low.
- Moderate trash.
- Heavy floating debris in the north end.



<u>Treatment</u>: I hand raked the debris and removed the trash. <u>Recommendations</u>: None.

#### **Lake CSP:** Rated: 10

- Water level is normal.
- Minimal trash.
- Minimal floating debris.



**<u>Treatment</u>**: I hand raked the debris and removed the trash.

**Recommendations:** None.

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