

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: 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.

Special Notes: 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.



Treatment: Inspection only.

Recommendations: 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.



Treatment: Inspection only.

Recommendations: 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.



Treatment: 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.



Treatment: Inspection only.

Recommendations: None.

Lake A South: Rated: 6

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



Treatment: 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.



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

Recommendations: None.

Lake CSP: **Rated: 10**

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



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

Recommendations: None.

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