

# 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: October 9, 2023

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Schooner, Diquat,  
Chelated copper, copper sulfate

Lake 4: Rated: 7

- Moderate water meal, (not biofilm) in south end of pond.
- Water level is normal.



Treatment: I launched the airboat and treated the entire pond for watermeal.

Recommendations: None.



**Lake V-2:** Rated: 7

- Moderate to heavy regrowth of chara (submerged macrophytic algae) in the shallows.
- Minor spikerush in the shallows.
- Water level is low.



**Treatment:** I launched the airboat and treated the entire pond for chara and spikerush.

**Recommendations:** Stock a lot more carp. This pond is shallow and has extremely high nutrient content that results in extremely fast aquatic weed growth.

**Lake 6:** Rated: 7

- There is moderate to heavy dead vegetation floating around the perimeter from previous treatment.
- Water level is normal.



**Treatment:** None.

**Recommendations:** Stock grass carp.



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### Lake 7: Rated: 9

- Minor torpedo grass, spikerush and algae.
- Water level is normal.



**Treatment:** None needed.

**Recommendations:** Stock more grass carp.

### Lake 9: Rated: 9

- Minor grasses, bacopa and algae along the edge.
- Water level is normal.



**Treatment:** None.

**Recommendations:** Stock more grass carp.



**Lake 8:** Rated: 10

- Minimal grasses along the edge.
- Water level is normal.



**Treatment:** None.

**Recommendations:** Stock more grass carp.

**Lake 11:** Rated: 9

- Minor shoreline grasses around the perimeter.
- Water level is normal.



**Treatment:** None.

**Recommendations:** Stock grass carp.



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### Lake L: Rated: 8

- Minor perimeter of floating algae and minor shoreline grasses.
- Water level is normal.



**Treatment:** I plan to treat this lake next time.

**Recommendations:** Stock more grass carp.

### Lake Y-2: Rated: 7

- Heavy growth of torpedo grass in the north side.
- Water level is low.



**Treatment:** I treated the grass with a backpack. I plan to treat the other side of the lake for grasses next time.

**Recommendations:** Stock grass carp.

**Lake 3:**    **Rated: 7**

- Moderate to heavy floating algae, fragmented bacopa, dead alligatorweed and algae along the edge.
- Water level is low.



**Treatment:** I hand raked the entire homeowner's side of the floating weeds.

**Recommendations:** Stock more grass carp.