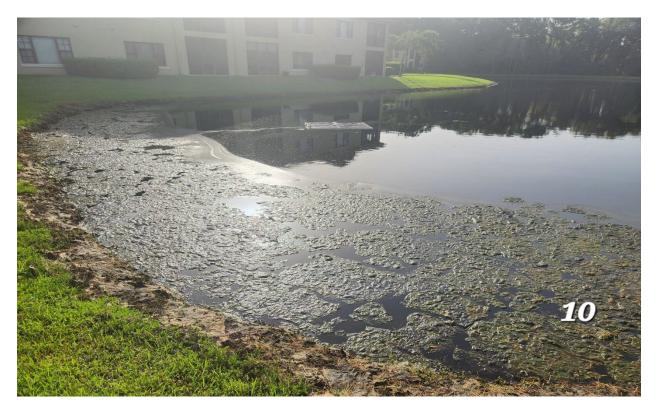
# LAKE AND POND REMEDIATION, INC.

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 21, 2023	<b>Biologist: Doug Charles</b>
Client: Palencia, Marsh Creek CDD	<u><b>Ratings</b></u> : 1 – 10 (Best is 10)
<u>Waterways</u> : 32 ponds	Herbicides used: Glyphosate, Ecomazapyr, copper sulfate, Cutrine

#### Lake 10: Rated: 8

- Benthic (bottom) algae has flaked off the pond bottom and floated to north side.
- Minor dead grasses along shoreline.



<u>**Treatment:**</u> I hand raked the algae out of the pond. <u>**Recommendations:**</u> Thank you for posting no trespassing/ no fishing signs as requested.

## Lake 1: Rated: 6

- Moderate algae, bladderwort, and grasses.
- Water level is high.



**Treatment:** I treated the weeds by airboat.

**Recommendations:** I plan to stock gras carp in this pond this Fall to better control the weeds.

# Lake 2: Rated: 6

- Moderate floating algae and shoreline grasses.
- Spotty bacopa around edge.
- New bleeddown fish barrier is clogged causing water level to be too high.



**Treatment:** I launched the airboat and treated the algae, bacopa and grasses. I also cleaned the bleeddown fish barrier so the pond will return to its normal level.

**Recommendations:** I plan to stock more grass carp this Fall to better control the weeds.

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# **Service Report**

# Lake A-1: Rated: 10

- Minimal shoreline grasses.
- No algae or submerged aquatic weeds.



<u>Treatment</u>: None needed. <u>Recommendations</u>: None.

Lake CSP: Rated: 9

• Minor weeds



<u>**Treatment</u>**: Hand raked alligatorweed. <u>**Recommendations**</u>: None.</u>

## Lake ER-1: Rated: 6

- Heavy grasses around perimeter.
- Heavy bacopa and red ludwigia ( beneficial submersed plants) around the edge.



**Treatment:** I launched the airboat and treated the grasses and exposed plants. The grass carp are not eating the submersed plants fast enough to keep up with their growth rate. This lake is used for irrigation, so my aquatic herbicides are limited. I also hand raked about 200 feet of the submersed plants.

**<u>Recommendations</u>**: I plan to stock more grass carp this Fall.

### Lake A : Rated: 9

• Minimal shoreline grasses and algae



<u>Treatment</u>: None needed. <u>Recommendations</u>: None.