

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: January 16, 2023

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: None

Weather Conditions: Very cool today, recent freezes have caused most aquatic weeds to go dormant and receded from the surface.

Special Notes: Lake 7 has had a heavy infestation of spikerush and is much improved. I am continuing to photograph all of the fish barriers and will be submitted to FWC for approval so we can have the grass carp permit reissued.

Lake V-2: Rated: 8

- Spikerush is much less from cold weather and carp eating it.



Treatment: None needed.

Recommendations: Need rain.

Lake 7: Rated: 8

- Spikerush is much less from cold weather, and the grass carp feeding on it.

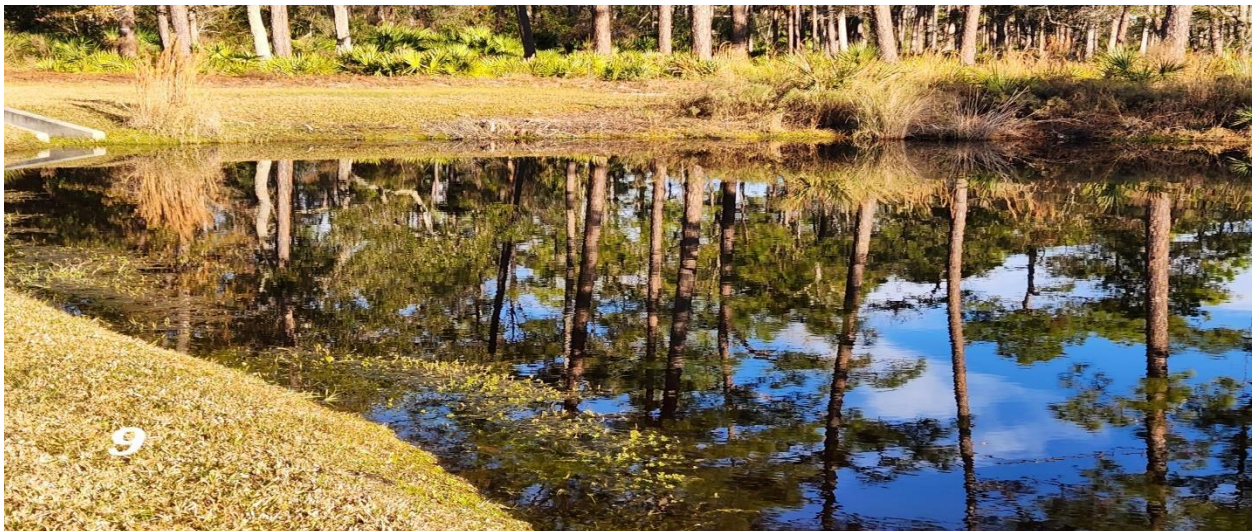


Treatment: I hand raked the excess spikerush.

Recommendations: Need rain.

Lake 9: Rated: 8

- Minor bacopa and spotty torpedo grass along the edge.



Treatment: Will treat when weather warms.

Recommendations: I will launch boat when access is not so wet.

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

Lake 8: Rated: 10

- Minimal torpedo grass and pennywort along the edge.



Treatment: None needed.

Recommendations: May need more grass carp.

Lake 11: Rated: 8

- Minor biofilm at northeast cove.
- Several branches in pond and some debris.



Treatment: I removed branches and debris from pond. I also photographed the fish barrier for renewal of grass carp permit.

Recommendations: Need more grass carp.

Lake 3: Rated: 10

- Low water level.



Treatment: The grass carp have worked well in this pond. I took a photo of fish barrier for renewal.

Recommendations: None.

Lake L: Rated: 10

- No weeds, carp observed feeding.
- Water level is low.



Treatment: None needed, this biological control program has been huge success.

Recommendations: Keep a lookout for gators.

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

Lake Y-2: Rated: 10 South, 8 North

- Moderate debris on east side of north lake.



Treatment: None needed.

Recommendations: Please have aeration system installed in north lake, since it is very shallow and stagnant creating unpreventable unsightly conditions in the growing season.