LAKE AND POND REMEDIATION, INC.

& <u>CHARLES AOUACULTURE, LLC</u> 15350 N US Highway 301 Citra, FL 32113 <u>LAPR Office</u>: 352-595-8863 <u>Fish farm Office</u>: 352-595-1700

Service Report

Date: February 27, 2023

Biologist: Doug Charles

Ratings: 1 - 10 (Best is 10)

<u>Client</u>: Palencia, Marsh Creek CDD

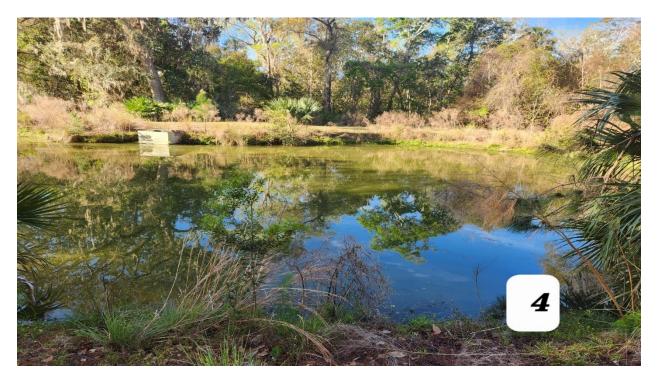
Waterways: 32 ponds

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

<u>Comments</u>: There is pine pollen (yellow film) on the surface of many of the ponds. **One small four-foot gator observed in pond 8**. We could use some rain. I predict more weed growth with abnormally warm weather.

Lake 4: Rated: 9

- Pond is dark green from planktonic algae.
- Minimal film on the surface.
- No alligators observed.



<u>Treatment</u>: None needed. <u>Recommendations</u>: Keep an eye out for gators.

Lake 5: Rated: 10

- No weeds
- Water level is low.



<u>Treatment</u>: None needed. <u>Recommendations</u>: Keep a lookout for gators.

Lake V-2: Rated: 6

• Heavy growth of chara, moderate naiad, minimal torpedo grass.



<u>Treatment</u>: I launched the airboat and treated the chara and naiad aggressively. **<u>Recommendations</u>**: Keep a lookout for gators.

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Lake 6: Rated: 7

• Moderate floating algae and pennywort around perimeter.



<u>Treatment</u>: I launched the airboat and treated the algae and pennywort. **<u>Recommendations</u>**: May need a couple more grass carp.

Lake 7: Rated: 7

- Moderate spikerush and bladderwort along the edge.
- Minor torpedo grass.



<u>Treatment</u>: I treated the spikerush and bladderwort by backpack. **<u>Recommendations</u>**: Keep a lookout for gators.

Lake 9: Rated: 9

• Minor grasses and bacopa.



Treatment: I hand raked some of the heavier weed areas. **Recommendations:** Keep a lookout for gators.

Lake 8: Rated: 9

- Minor shoreline grasses.
- Four foot gator in pond.



<u>Treatment</u>: None needed. <u>Recommendations</u>: Have gator removed.



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Lake 11: Rated: 9

• Minor bacopa and shoreline grasses.



<u>Treatment</u>: None needed. <u>Recommendations</u>: Keep a lookout for gators.

Lake 3: Rated: 10

• Minimal weeds.

No photo, sorry

<u>**Treatment</u>**: Grass carp are working. <u>**Recommendations**</u>: Keep a lookout for gators.</u>

Lake Y-2: Rated: 8

- Minor floating pulled up spikerush around the perimeter.
- Aeration system working.



<u>**Treatment</u>**: Will need treatment next time. <u>**Recommendations**</u>: Watch out for gators.</u>

Y-2

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Lake L: Rated: 10

• Minimal shoreline weeds.



<u>**Treatment</u>**: Grass carp continue to do a great job. <u>**Recommendations**</u>: Keep a lookout for gators.</u>