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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: March 20, 2023 Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds Herbicides used: Polaris, Glyphosate

<u>Comments:</u> The weather conditions today were cool (40s) and windy. The pond levels are high from recent rains.

Lake Y-2: Rated: 9

- There is minor floating spikerush in the northwest side.
- I had good results from the last treatment.
- No alligators observed.



Treatment: I hand raked the floating spikerush.

Lake V-2: Rated: 8

- Moderate spikerush around perimeter.
- Water level is normal.
- No gators observed.



Treatment: None needed.

Recommendations: Keep a lookout for gators.

Lake 8: Rated: 9

- There is spotty pennywort and torpedo grass along the shoreline.
- There is no algae or submersed vegetation.
- No alligators observed.



<u>Treatment</u>: I treated the pennywort and shoreline grasses by backpack.

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Lake 10: Rated: 10

- Minimal grasses.
- Water level is normal.
- No gators observed.



Treatment: None needed.

Recommendations: Keep a lookout for gators

Lake 1: Rated: 9

- There is minor floating bladderwort and torpedo grass.
- No alligators observed.



Treatment: I hand raked the floating weeds.

Lake 2: Rated: 9

- Minor alligatorweed and bacopa around perimeter.
- Water level is normal.
- Two grass carp observed.



Treatment: I hand raked the weeds.

Recommendations: Keep a lookout for gators.

Lake CSP: Rated: 10

- There is minor debris on the north side.
- Water level is a little high.
- No alligators observed.



Treatment: None needed.

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Lake A1: Rated: 10

- Minimal grasses.
- Water level is normal.
- No gators observed.



Treatment: None needed.

Recommendations: Keep a lookout for gators

Lake ER-1: Rated: 9

- Spotty bacopa and red Ludwigia (submersed beneficial plants)
- Water level is normal.
- No gators observed.



Treatment: None needed.

Recommendations: Keep a lookout for gators

Lake A: Rated: 10

- There is minor torpedo grass along the edge.
- No alligators observed.



Treatment: None needed.

Recommendations: Keep an eye out for gators. Gators must be controlled for my biological program to work.

Lake A South: Rated: 10

- Minimal torpedo grass in the shallows.
- Water level is normal.
- Two grass carp observed.



Treatment: I hand raked the weeds.

Recommendations: Keep a lookout for gators.

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Lake MUB-4: Rated: 10

- There is minor debris on the north side.
- Water level is a normal.
- No alligators observed.



Treatment: None needed.

Recommendations: Keep an eye out for gators. Gators must be controlled for my biological

program to work.