

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: July 29, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Ecomazapyr, Aquaneat,
Weedar 64, XTR

Weather Conditions: Partly cloudy, hot.

Special Notes: We are now in the rainy season, and the midge flies have drastically increased.

Lake Y-2: Rated: 7

- Lake level is normal.
- Light to moderate floating cyanobacteria, single celled blue-green algae.
- **Ultrasound not working.**
- **Midge Flies are heavy on screens.**



Treatment: I hand raked the debris in the NE cove, and **removed the ultrasound system so we can replace it with an upgraded one.**

Recommendations: None.

Lake 6: Rated: 5

- Water level is normal.
- Heavy decaying spikerush with algae growing on it.



Treatment: I launched the airboat and treated the algae on the dead spikerush.

Recommendations: Needs more grass carp this Fall.

Lake 7: Rated: 9

- Minor grasses around the perimeter.



Treatment: I treated the grasses by backpack.

Recommendation: May need more carp this Fall.

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Lake 9: Rated: 6

- Moderate to heavy grasses around the perimeter.
- Moderate algae on developed side.
- Easement is very wet and soft.



Treatment: I treated the grasses by backpack.

Recommendations: I need to launch my boat to get a good treatment, but the easement is too soft, and I likely would make deep ruts.

Lake 8: Rated: 9

- Minor torpedo grass and pennywort.
- No submersed weeds.



Treatment: I treated the grasses by backpack.

Recommendations: None.

Lake 11: Rated: 7

- Moderate shoreline grasses.
- No gators.



Treatment: I launched the airboat and treated the shoreline grasses.

Recommendation: Be on the lookout for gators.

Lake 3: Rated: 10

- Shoreline grasses have been eradicated from previous treatment.
- No gators.



Treatment: Inspection only.

Recommendation: Be on the lookout for gators.

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Lake L: Rated: 9

- Minor algae and shoreline grasses around perimeter.
- No gators.



Treatment: Inspection only.

Recommendation: Be on the lookout for gators.

Lake 4: Rated: 10

- Minimal biofilm.
- No gators.



Treatment: Inspection only.

Recommendation: Be on the lookout for gators.

Lake 5: Rated: 10

- Minor grasses.



Treatment: Inspection only.

Recommendation: Be on the lookout for gators.

Lake V-2: Rated: 10

- Minor grasses.



Treatment: Inspection only.

Recommendation: Be on the lookout for gators.

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Lake X-1: Rated: 8

- Moderate grasses.



Treatment: I launched the airboat and treated the shoreline grasses.

Recommendation: Be on the lookout for gators.