

LAKE AND POND REMEDIATION, INC.

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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: August 26, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: Ecomazapyr,
Weedar 64, Cide Kick

Weather Conditions: Partly cloudy, hot.

Lake Y-2: Rated: 7

- Lake level is high.
- Moderate floating cyanobacteria, single celled blue-green algae in north cove only.
- Ultrasound is now working; it should help control the floating cyanobacteria.
- **Midge Flies are heavy.**



Treatment: Reinstalled the new ultrasound system that is 30% stronger (no charge for new system, just the shipping). I launched the airboat and treated the floating cyanobacteria and the shoreline weeds.

Recommendations: None.

Lake SV2B: **Rated: 9**

- Water level is normal.
- Area near staff gauge is clear of aquatic plants.
- There is minor torpedo grass amongst the beneficial aquatic plants.



Treatment: Inspection only.

Recommendations: None.

Lake I-1: **Rated: 9**

- Minor floating algae around perimeter.



Treatment: I treated the algae by broadcasting algaecide.

Recommendation: None.

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Lake SV2A: Rated: 10

- Minimal grasses around the perimeter.



Treatment: Inspection only.

Recommendations: None.

Lake SV2C: Rated: 9

- Good kill on the difficult to kill bacopa (submersed plant).
- Good kill on the torpedo grass too.



Treatment: Inspection only.

Recommendations: Needs more grass carp this Fall.

Lake I-2: **Rated: 9**

- Minor shoreline grasses.
- No gators.



Treatment: I will treat this lake next time.

Recommendation: Be on the lookout for gators.