

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: July 15, 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, copper sulfate

Weather Conditions: Partly cloudy, hot.

Special Notes: We are now starting the rainy season, which will help deepen the lakes but will also increase the Midge Flies.

Lake Y-2: Rated: 7

- Lake level has come up, some.
- Moderate floating cyanobacteria, single celled blue-green algae and floating debris in the NE cove
- Some floating black algae in NW corner.
- **Midge Flies are heavy on screens.**



Treatment: I hand raked the debris in the NE and NW cove. I also launched the airboat in the south side and treated the shoreline grasses.

Recommendations: **Please have the pile of debris removed at NE cove, a homeowner asked to have it moved.**

Lake 6: Rated: 5

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



Treatment: I launched the airboat and treated the spikerush and algae very aggressively.

Recommendations: Needs more grass carp this Fall.

Lake N: Rated: 7

- Moderate algae and grasses around the perimeter.



Treatment: I launched the airboat and treated the algae and grasses around the perimeter.

Recommendation: May need more carp this Fall.

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Lake KK: Rated: 8

- Minor to moderate grasses around the perimeter.



Treatment: Inspection only.

Recommendations: I plan to treat next time.

Lake JJ: Rated: 10

- Water level is a little low.
- Minimal weeds.



Treatment: Inspection only

Recommendations: None.

Lake LL: Rated: 7

- Moderate shoreline grasses.
- Spotty floating algae.
- No gators.



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

Recommendation: Be on the lookout for gators.