

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: June 11, 2024

Biologist: Doug Charles

Client: Palencia, Marsh Creek CDD

Ratings: 1 – 10 (Best is 10)

Waterways: 32 ponds

Herbicides used: XTR, Platoon, Ecomazapyr

Weather Conditions: Partly cloudy.

Special Notes: Many of the lakes are very low from lack of rain causing temporary issues such as algae blooms and discoloration. Once the typical rains start, the lakes will improve.

Lake Y-2: Rated: 8

- Lake level is very low.
- Minor floating cyanobacteria, single celled blue-green algae and spotty back algae.



Treatment: I launched the airboat and treated the floating algae. I also hand raked the debris in the NE cove.

Recommendations: Dig out NE cove with small machine.

Lake 6: **Rated: 6**

- Heavy dead spikerush and algae (from last week's treatment) around the perimeter.



Treatment: Inspection only

Recommendations: I will monitor this lake closely.

Lake 7: **Rated: 9**

- Minor floating planktonic algae in south end.



Treatment: Inspection only.

Recommendation: None

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

Lake 9: Rated: 8

- Minor grasses and algae around the perimeter.



Treatment: Inspection only.

Recommendations: None.

Lake 8: Rated: 7

- Heavy outbreak of one celled cyanobacteria that has turned the water brown.



Treatment: Rainy season should return this lake to its normal color. This color is relatively common this time of year in this part of the state.

Recommendation: Need rain.

Lake 11: Rated: 9

- Minor floating dead grasses in the north cove.
- I heard baby gators chirping in the undeveloped area.



Treatment: I hand raked the dead grasses from the lake.

Recommendations: None.

Lake 3: Rated: 9

- Minor shoreline grasses are mostly out of the water.



Treatment: I treated the shoreline grasses by backpack.

Recommendations: None.