

# DEP Algal Taxonomy Summary Report

Date Reported: 9/12/2018

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@dep.state.fl.us

Request ID: RQ-2018-09-10-25

Collector: B. Paswater, D. Horning, S. Meyer

Event ID: SW-DIST-2018-09-11-01

Date Collected: 9/10/2018 11:40:00 AM

LIMS Sample ID: 2023821

Date Received: 9/11/2018 10:00:00 AM

Analysis: ALGAL\_ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Mattie Ref. Lake

Sample Preservation: ICE

Field ID: 23010410

Analyst: Rachael Dragon

Sample Notes: The sample was thick with green scum and specks.

**Result:** The dominant taxon was *Microcystis wesenbergii*.

**Other Taxa Present:**

**Toxin Potential \***

## Cyanophyceae

*Woronichinia naegeliana*

*Coelomorion pusillum*

*Microcystis* sp.

Undetermined

*Microcystis wesenbergii*

Yes

*Microcystis aeruginosa*

Yes

*Anabaena* sp.

Undetermined

*Cylindrospermopsis raciborskii*

Yes

*Dolichospermum circinale*

Yes

*Cuspidothrix* sp.

*Pseudanabaena mucicola*

Yes

*Planktolyngbya limnetica*

## Chlorophyceae

*Botryococcus braunii*

*Closterium* sp.

\* Information based on literature searches and personal communication; information is continually being updated. "Undetermined" refers to specimens for which the lowest practical level of taxonomic identification is genus and some, but not all, species within that genus have the potential to produce toxins or toxin information not available for the identified species but is available for genus level.