

# DEP Algal Taxonomy Summary Report

Date Reported: 01/09/2020

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov

Request ID: RQ-2019-06-03-60

Collector: Joshua Gravlin

Event ID: WQAP-2020-01-09-01

Date Collected: 1/8/2020 8:59:00 AM

LIMS Sample ID: 2148172

Date Received: 1/9/2020 9:40:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Trafford

Sample Preservation: ICE

Field ID: Lake Trafford

Analyst: Jess Morse

Sample Notes: The sample was clear with some specks present.

**Result:** The co-dominant taxa were *Microcystis wesenbergii* and *Cyanodictyon imperfectum*.

## Other Taxa Present:

## Toxin Potential \*

### Cyanophyceae

*Cyanodictyon imperfectum*

*Snowella lacustris*

*Merismopedia tenuissima*

*Merismopedia warmingiana*

*Microcystis wesenbergii*

Yes

*Anabaena* sp.

Undetermined

*Pseudanabaena mucicola*

Yes

*Planktolyngbya contorta*

*Planktolyngbya limnetica*

*Planktolyngbya microspira*

### Chlorophyceae

*Dictyosphaerium pulchellum*

*Dictyosphaerium ehrenbergianum*

*Pediastrum* sp.

*Scenedesmus abundans*

*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.