

# DEP Algal Taxonomy Summary Report

Date Reported: 04/01/2021

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

Request ID: RQ-2021-03-08-10

Collector: Katie March, Leif Boman

Event ID: WQAP-2021-04-01-01

Date Collected: 3/31/2021 10:30:00 AM

LIMS Sample ID: 2235432

Date Received: 4/1/2021 9:45:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Sloat Near Park

Sample Preservation: ICE

Field ID: HABCE0068\_LakeSloat

Analyst: Jess Morse

Sample Notes: The sample water was clear. Diatoms were present.

**Result:** There was no clear dominant taxon in the sample.

**Other Taxa Present:**

**Toxin Potential \***

**Cyanophyceae**

*Coelosphaerium dubium*

*Microcystis aeruginosa*

Yes

*Anabaena* sp.

Undetermined

*Cylindrospermopsis raciborskii*

Yes

*Aphanizomenon flosaquae*

Yes

*Pseudanabaena mucicola*

Yes

**Chrysophyceae**

*Dinobryon sertularia*

**Chlorophyceae**

*Kirchneriella* sp.

*Dictyosphaerium pulchellum*

*Pediastrum* sp.

*Coelastrum* sp.

*Botryococcus braunii*

*Closterium* sp.

*Staurastrum* sp.

*Cosmarium* sp.

**Euglenophyceae**

*Phacus* sp.

**Dinophyceae**

*Glenodinium* 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.