

# DEP Algal Taxonomy Summary Report

Date Reported: 04/30/2021

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

Request ID: RQ-2021-03-22-10

Collector: Katie March, Elizabeth Bates

Event ID: WQAP-2021-04-30-02

Date Collected: 4/29/2021 12:47:00 PM

LIMS Sample ID: 2244411

Date Received: 4/30/2021 11:58:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Otis @ Boat Ramp

Sample Preservation: ICE

Field ID: HABCE0043\_LakeOtis

Analyst: Rachael Dragon

Sample Notes: The sample water was clear with specks.

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

**Other Taxa Present:**

**Toxin Potential \***

## Cyanophyceae

*Rhabdogloea* sp.

*Woronichinia naegeliana*

*Microcystis aeruginosa*

Yes

*Cylindrospermopsis raciborskii*

Yes

*Aphanizomenon flosaquae*

Yes

## Chrysophyceae

*Dinobryon sertularia*

## Chlorophyceae

*Tetraedron trigonum gracile*

*Coelastrum* sp.

*Botryococcus braunii*

*Closterium* sp.

*Staurastrum* 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.