

DEP Algal Taxonomy Summary Report

Date Reported: 4/29/2019
Request ID: RQ-2019-04-15-42
Event ID: WQAP-2019-04-26-02
LIMS Sample ID: 2081325
Analysis: BLOOM-ID
Site Location: Lake Dora
Field ID: Lake Dora

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Collector: Leif Boman, Mike Drennan
Date Collected: 4/25/2019 10:40:00
Date Received: 4/26/2019 10:00:00
Sample Container: Plastic Tube 50 mL
Sample Preservation: ICE
Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a large algal mat in water. The benthic attached diatoms, *Nitzschia* sp., *Eunotia* sp. and *Fragilaria* sp. were abundant. Algae appeared alive and healthy.

Result: The dominant taxon was *Oedogonium* sp.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Chroococcus dispersus</i>	
<i>Rhabdogloea</i> sp.	
<i>Aphanocapsa delicatissima</i>	Undetermined
<i>Snowella</i> sp.	
<i>Merismopedia tenuissima</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis gangetica</i>	
<i>Aphanizomenon flosaquae</i>	Yes
<i>Pseudanabaena</i> sp.	Undetermined
<i>Jaaginema geminatum</i>	
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chrysophyceae

Dinobryon sp.

Chlorophyceae

Ankistrodesmus falcatus
Pediastrum duplex
Crucigenia apiculata
Staurastrum sp.
Desmidium sp.
Oedogonium sp.

Euglenophyceae

Trachelomonas sp.
Phacus 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.