

DEP Algal Taxonomy Summary Report

Date Reported: 07/31/2019

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

Request ID: RQ-2019-08-05-37

Collector: Nicole Reistad

Event ID: WQAP-2019-07-31-01

Date Collected: 7/30/2019 11:50:00 AM

LIMS Sample ID: 2107295

Date Received: 7/31/2019 10:10:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: NE Lake O

Sample Preservation: ICE

Field ID: NE_073019

Analyst: Jessica Morse

Sample Notes: The sample was clear with specks present.

Result: The dominant taxon in the sample was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes
<i>Merismopedia warmingiana</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

<i>Dictyosphaerium pulchellum</i>
<i>Scenedesmus</i> 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.