

DEP Algal Taxonomy Summary Report

Date Reported: 10/03/2019

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

Request ID: RQ-2019-09-30-78

Collector: Terry Riordan, Natalie Ayala

Event ID: WQAP-2019-10-03-03

Date Collected: 10/2/2019 10:30:00 AM

LIMS Sample ID: 2124579

Date Received: 10/3/2019 10:05:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Olivia at Northern Ramp

Sample Preservation: ICE

Field ID: Lake Olivia at Northern Ramp

Analyst: Jess Morse

Sample Notes: The sample was clear.

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

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

<i>Aphanocapsa delicatissima</i>	Undetermined
<i>Merismopedia tenuissima</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Spirulina princeps</i>	
<i>Planktothrix agardhii</i>	Yes

Chrysophyceae

Dinobryon sertularia

Xanthophyceae

Ophiocytium capitatum

Chlorophyceae

Eudorina elegans

Westella botryoides

Dictyosphaerium ehrenbergianum

Scenedesmus quadricauda

Scenedesmus bijuga

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.