

DEP Algal Taxonomy Summary Report

Date Reported: 4/17/2019

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

Request ID: RQ-2019-04-15-38

Collector: Mike Linger, Lawrence Drennan

Event ID: WQAP-2019-04-17-01

Date Collected: 4/16/2019 9:58:00 AM

LIMS Sample ID: 2078514

Date Received: 4/17/2019 9:50:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Reinhard

Sample Preservation: ICE

Field ID: Lake Reinhard

Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was mostly clear with some specks present. The algae appeared alive and healthy.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Dolichospermum circinale*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum</i> sp.	
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Cuspidothrix issatschenkoi</i>	Yes

Chrysophyceae

Mallomonas sp.

Chlorophyceae

Chlamydomonas sp.
Botryococcus braunii

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.