

DEP Algal Taxonomy Summary Report

Date Reported: 16-JUL-2021

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

Request ID: RQ-2021-06-28-06

Collector: Victoria Schwartz

Event ID: WQAP-2021-07-16-01

Date Collected: 7/15/2021 1:58:00 PM

LIMS Sample ID: 2262562

Date Received: 7/16/2021 9:15:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Otis @ boat ramp

Sample Preservation: ICE

Field ID: HABCE0043_Lake Otis

Analyst:

Sample Notes: There was no clear dominant taxon in the sample.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Microcystis aeruginosa</i>	Yes	
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Aphanizomenon flosaquae</i>	Yes	
Xanthophyceae		
<i>Ophiocytium capitatum longispinum</i>		
Chlorophyceae		
<i>Tetraedron gracile</i>		
<i>Ankistrodesmus falcatus</i>		
<i>Scenedesmus quadricauda</i>		
<i>Botryococcus braunii</i>		
<i>Staurastrum sp.</i>		

* 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.