

DEP Algal Taxonomy Summary Report

Date Reported: 11/19/2019	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2019-11-18-69	Collector: Francisco Faria
Event ID: WQAP-2019-11-19-01	Date Collected: 11/18/2019 11:10:00
LIMS Sample ID: 2136936	Date Received: 11/19/2019 9:50:00
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: HAB_111819_ScottLk	Sample Preservation: ICE
Field ID: HAB-SW-0002	Analyst: Isaura Lorenzo-Perez
Sample Notes: The water was cloudy with some specks present. The algae appeared alive and healthy.	

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

Other Taxa Present: Toxin Potential *

Cyanophyceae

<i>Coelosphaerium dubium</i>	
<i>Synechocystis</i> sp.	Undetermined
<i>Aphanothece nidulans</i>	
<i>Cyanodictyon</i> sp.	
<i>Aphanocapsa incerta</i>	Yes
<i>Aphanocapsa delicatissima</i>	Undetermined
<i>Snowella</i> sp.	
<i>Merismopedia tenuissima</i>	
<i>Merismopedia warmingiana</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Pseudanabaena</i> sp.	Undetermined
<i>Romeria</i> sp.	
<i>Spirulina</i> sp.	

Chlorophyceae

Monoraphidium sp.
Scenedesmus acuminatus
Scenedesmus quadricauda
Staurastrum 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.