

DEP Algal Taxonomy Summary Report

Date Reported: 6/27/2018
Request ID: RQ-2018-01-22-28
Event ID: WQAP-2018-06-26-01
LIMS Sample ID: 2003255
Analysis: BLOOM-ID
Site Location: S.OLGA RD
Field ID: S.OLGA RD

Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Collector: Chase Conley
Date Collected: 6/25/2018 3:15:00 PM
Date Received: 6/26/2018 10:00:00
Sample Container: Plastic Tube 50 mL
Sample Preservation: ICE
Analyst: Isaura Lorenzo-Perez

Sample Notes: Green specks were visible in the sample. Diatoms belonging to the Genera *Nitzschia* sp., *Aulacoseira* sp., *Cyclotella* sp., and *Coscinodiscus* sp. were present. The algae appeared alive and healthy.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Aphanocapsa</i> sp.	Undetermined
<i>Merismopedia tenuissima</i>	
<i>Merismopedia warmingiana</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Pseudanabaena</i> sp.	Undetermined
<i>Jaaginema gracile</i>	
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Chlamydomonas sp.
Scenedesmus quadricauda
Scenedesmus bijuga
Coelastrum microporum
Sphaerocystis 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.