

DEP Algal Taxonomy Summary Report

Date Reported: 04/11/2019

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

Request ID: RQ-2018-07-16-60

Collector: Brian Davis

Event ID: NE-DIST-2019-04-11-01

Date Collected: 4/10/2019 1:10:00 PM

LIMS Sample ID: 2077348

Date Received: 4/11/2019 10:20:00

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: LSJR @ End of Moonlite Dr

Sample Preservation: ICE

Field ID: LSJR @ End of Moonlite Dr

Analyst: Rachael Dragon

Sample Notes: The sample water was cloudy with specks.

Result: The dominant taxon was *Aphanizomenon flosaquae*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Aphanothece</i> sp.	
<i>Aphanocapsa</i> sp.	Undetermined
<i>Snowella lacustris</i>	
<i>Microcystis wesenbergii</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Aphanizomenon flosaquae</i>	Yes
<i>Aphanizomenon</i> sp.	Undetermined
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	
<i>Planktolyngbya microspira</i>	

Chlorophyceae

<i>Coccomonas</i> sp.
<i>Oocystis</i> sp.
<i>Kirchneriella obesa</i>
<i>Monoraphidium arcuatum</i>
<i>Dictyosphaerium pulchellum</i>
<i>Scenedesmus quadricauda</i>
<i>Crucigenia apiculata</i>
<i>Closterium</i> 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.