

DEP Algal Taxonomy Summary Report

Date Reported: 08/06/2021

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

Request ID: RQ-2021-07-26-26

Collector: Brian Davis

Event ID: WQAP-2021-08-05-01

Date Collected: 8/4/2021 1:40:00 PM

LIMS Sample ID: 2267797

Date Received: 8/5/2021 9:55:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: LSJR end of Oakvale Rd

Sample Preservation: ICE

Field ID: NEHAB0025

Analyst: Jess Morse

Sample Notes: The sample water was clear with specks. Diatoms were present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Aphanocapsa incerta</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

<i>Chlamydomonas</i> sp.	
<i>Eudorina elegans</i>	
<i>Dictyosphaerium pulchellum</i>	
<i>Crucigenia</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.