

DEP Algal Taxonomy Summary Report

Date Reported: 10/06/2020	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2020-10-05-68	Collector: Mike King
Event ID: WQAP-2020-10-08-01	Date Collected: 10/6/2020 10:28:00 AM
LIMS Sample ID: 2200462	Date Received: 10/8/2020 9:55:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Direct Runoff Upstream of Laurel Drive	Sample Preservation: ICE
Field ID: HAB_10062020_LaurelDrive	Analyst: Isaura Lorenzo-Perez
Sample Notes: The water was clear with specks present. The algae appeared alive and healthy.	

Result: The dominant taxon was *Microcystis wesenbergii*.

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Planktolyngbya lacustris</i>	

Chlorophyceae

<i>Tetraedron minimum</i>
<i>Radiococcus</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.