

DEP Algal Taxonomy Summary Report

Date Reported: 11/27/2019

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

Request ID: RQ-2019-11-04-50

Collector: Mike King

Event ID: WQAP-2019-11-27-02

Date Collected: 11/26/2019 5:00:00 PM

LIMS Sample ID: 2139705

Date Received: 11/27/2019 12:30:00 PM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Direct Runoff at Maplewood Drive

Sample Preservation: ICE

Field ID: HAB_1126219_DIRECTRUN

Analyst: Rachael Dragon

Sample Notes: The sample water was clear with specks.

Result: The dominant taxon was *Microcystis* sp.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Microcystis</i> sp.	Undetermined
<i>Microcystis wessenbergii</i>	Yes
<i>Dolichospermum</i> sp.	
<i>Dolichospermum circinale</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Pseudanabaena</i> sp.	Undetermined
<i>Pseudanabaena mucicola</i>	Yes

Chlorophyceae

Coelastrum microporum
Closterium 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.