

DEP Algal Taxonomy Summary Report

Date Reported: 12/12/2019

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

Request ID: RQ-2019-11-11-30

Collector: Kirby Wolfe

Event ID: WQAP-2019-12-12-02

Date Collected: 12/11/2019 11:50:00 AM

LIMS Sample ID: 2143211

Date Received: 12/12/2019 10:30:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Clewiston Boat Ramp

Sample Preservation: ICE

Field ID: HAB-121119-003

Analyst: Jess Morse

Sample Notes: The sample was clear with specks present.

Result: The co-dominant taxa were *Microcystis aeruginosa* and *Cylindrospermopsis raciborskii*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Aphanocapsa delicatissima</i>	Undetermined
<i>Merismopedia tenuissima</i>	
<i>Merismopedia warmingiana</i>	
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined
<i>Aphanizomenon flosaquae</i>	Yes
<i>Cuspidothrix issatschenkoi</i>	Yes
<i>Planktolyngbya contorta</i>	
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Pediastrum 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.