

DEP Algal Taxonomy Summary Report

Date Reported: 01/08/2020

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

Request ID: RQ-2019-06-10-63

Collector: Sue Davis

Event ID: WQAP-2020-01-08-05

Date Collected: 1/7/2020 9:12:00 AM

LIMS Sample ID: 2147512

Date Received: 1/8/2020 10:05:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Fraklin Locks Upstream

Sample Preservation: ICE

Field ID: Fraklin Locks Upstream

Analyst: Rachael Dragon

Sample Notes: The sample water was slightly cloudy with specks.

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

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Pseudanabaena</i> sp.	Undetermined
<i>Planktothrix agardhii</i>	Yes

Chlorophyceae

Chlamydomonas sp.
Monoraphidium sp.
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.