

DEP Algal Taxonomy Summary Report

Date Reported: 07/31/2020

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

Request ID: RQ-2020-04-13-44

Collector: Kelby Callahan

Event ID: WQAP-2020-07-31-01

Date Collected: 7/30/2020 10:15:00 AM

LIMS Sample ID: 2187610

Date Received: 7/31/2020 11:55:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Reclaimed Mine Lake - Near Ramp

Sample Preservation: ICE

Field ID: HAB-SW-021

Analyst: Jess Morse

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

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

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Microcystis wesenbergii</i>	Yes
<i>Microcystis aeruginosa</i>	Yes
<i>Cylindrospermopsis raciborskii</i>	Yes
<i>Dolichospermum helicoideum</i>	
<i>Dolichospermum circinale</i>	Yes
<i>Aphanizomenon flosaquae</i>	Yes
<i>Pseudanabaena mucicola</i>	Yes
<i>Planktolyngbya limnetica</i>	

Chlorophyceae

Botryococcus braunii

* 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.