

DEP Algal Taxonomy Summary Report

Date Reported: 07/31/2019

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

Request ID: RQ-2019-07-22-63

Collector: Matthew Bearden

Event ID: WQAP-2019-07-31-04

Date Collected: 7/30/2019 10:10:00 AM

LIMS Sample ID: 2107347

Date Received: 7/31/2019 10:10:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: LAKE BUFFUM BLOOM RESPONSE

Sample Preservation: ICE

Field ID: LAKE BUFFUM BLOOM RESPONSE

Analyst: Rachael Dragon

Sample Notes: The sample contained a thick layer of specks.

Result: The dominant taxon was *Aphanizomenon flosaquae*.

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

<i>Woronichinia naegeliana</i>	
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<i>Microcystis</i> sp.	Undetermined
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<i>Dolichospermum circinale</i>	Yes
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<i>Aphanizomenon flosaquae</i>	Yes
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* 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.