

DEP Algal Taxonomy Summary Report

Date Reported: 09/10/2019

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

Request ID: RQ-2019-07-22-64

Collector: Matthew Bearden

Event ID: WQAP-2019-09-10-02

Date Collected: 9/9/2019 12:55:00 PM

LIMS Sample ID: 2117197

Date Received: 9/10/2019 10:15:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Buffum Bloom Response-Follow Up

Sample Preservation: ICE

Field ID: Lake Buffum Bloom Response

Analyst: Jess Morse

Sample Notes: The sample was clear with specks present.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Merismopedia warmingiana

Microcystis aeruginosa

Yes

Dolichospermum circinale

Yes

Aphanizomenon sp.

Undetermined

Pseudanabaena mucicola

Yes

Planktolyngbya limnetica

Chlorophyceae

Dictyosphaerium pulchellum

* 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.