

DEP Algal Taxonomy Summary Report

Date Reported: 09/01/2021

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

Request ID: RQ-2021-08-02-13

Collector: K.March, Liz Bates

Event ID: WQAP-2021-08-31-01

Date Collected: 8/30/2021 11:35:00 AM

LIMS Sample ID: 2272714

Date Received: 8/31/2021 9:50:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Eustis - NW Corner

Sample Preservation: ICE

Field ID: HABCE0075_Eustis

Analyst: Rachael Dragon

Sample Notes: The sample water was clear with specks. Approximately 75% of the algae were cyanobacteria.

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Aphanothece sp.

Aphanocapsa incerta

Yes

Merismopedia tenuissima

Microcystis aeruginosa

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Chlorophyceae

Scenedesmus perforatus

Crucigenia rectangularis

* 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.