

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 12:00:00 PM

LIMS Sample ID: 2272713

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

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Eustis-Canal Near Linda Lane

Sample Preservation: ICE

Field ID: HABCE0092_LakeEustis2

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

Chroococcus dispersus

Aphanothece sp.

Cyanodictyon imperfectum

Aphanocapsa delicatissima

Undetermined

Microcystis aeruginosa

Yes

Planktolyngbya contorta

Planktolyngbya limnetica

Planktolyngbya microspira

Planktolyngbya lacustris

Chlorophyceae

Crucigenia tetrapedia

Elakatothrix gelatinosa

Euglenophyceae

Trachelomonas sp.

Phacus sp.

Dinophyceae

Glenodinium 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.