

DEP Algal Taxonomy Summary Report

Date Reported: 08/02/2021

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

Request ID: RQ-2021-06-21-53

Collector: Stopher Slade, Nathan Mulkey

Event ID: WQAP-2021-07-30-05

Date Collected: 7/29/2021 11:30:00 AM

LIMS Sample ID: 2266191

Date Received: 7/30/2021 11:10:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Twin Lake eastern Lake

Sample Preservation: ICE

Field ID: G3NW0449

Analyst: Rachael Dragon

Sample Notes: The sample water was a cloudy green with green particulate settled on the bottom of the tube. Lots of non-algal debris were present.

Result: There was no clear dominant taxon in the sample.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Merismopedia tenuissima

Merismopedia warmingiana

Dolichospermum circinale

Yes

Chlorophyceae

Crucigenia tetrapedia

Euglenophyceae

Trachelomonas sp.

Dinophyceae

Peridinium 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.