

DEP Algal Taxonomy Summary Report

Date Reported: 22-FEB-2022

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

Request ID: RQ-2022-01-24-06

Collector: Liz Bates, Terry Riordan

Event ID: WQAP-2022-02-22-02

Date Collected: 2/21/2022 11:30:00 AM

LIMS Sample ID: 2307174

Date Received: 2/22/2022 9:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Hermosa - North Shore

Sample Preservation: ICE

Field ID: HABCE0109_LakeHermosa

Analyst:

Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear with specks of pollen. Diatoms were present. The algae appeared alive and healthy.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Snowella sp.

Merismopedia warmingiana

Anabaena sp.

Undetermined

Chrysophyceae

Dinobryon sertularia

Chlorophyceae

Dictyosphaerium pulchellum

Botryococcus braunii

Mougeotia sp.

Cosmarium sp.

Oedogonium 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.