

DEP Algal Taxonomy Summary Report

Date Reported: 01-APR-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-02-28-27 Collector: Liz Bates, Victoria Schwartz
Event ID: WQAP-2022-04-01-01 Date Collected: 3/31/2022 11:58:00 AM
LIMS Sample ID: 2316111 Date Received: 4/1/2022 10:14:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Virginia - West Shore Sample Preservation: ICE
Field ID: HABCE0113_LakeVirginia Analyst:
Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

<i>Rhabdogloea</i> sp.		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Microcystis aeruginosa</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	
<i>Cuspidothrix issatschenkoi</i>	Yes	
<i>Planktolyngbya limnetica</i>		

Chrysophyceae

Dinobryon sertularia

Chlorophyceae

Chlamydomonas sp.
Tetraedron minimum
Monoraphidium sp.
Scenedesmus bijuga
Botryococcus braunii
Elakatothrix gelatinosa

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.