

DEP Algal Taxonomy Summary Report

Date Reported: 27-APR-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-04-18-43 Collector: Liz Bates/Terry Riordan
Event ID: WQAP-2022-04-26-03 Date Collected: 4/25/2022 10:25:00 AM
LIMS Sample ID: 2321882 Date Received: 4/26/2022 9:23:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Ivanhoe - Center of Eastern Lobe Sample Preservation: ICE
Field ID: HABCE0118_LakeIvanhoe1 Analyst:
Sample Notes: The dominant taxon was Microcystis aeruginosa. The sample water was clear. Diatoms were present.

Result: The dominant taxon was Microcystis aeruginosa.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Rhabdogloea</i> sp.		
<i>Aphanothece</i> sp.		
<i>Aphanocapsa delicatissima</i>	Undetermined	
<i>Merismopedia tenuissima</i>		
<i>Microcystis aeruginosa</i>	Yes	
<i>Anabaenopsis</i> sp.		
<i>Cylindrospermopsis raciborskii</i>	Yes	
<i>Dolichospermum planctonicum</i>	Undetermined	

Chlorophyceae

Oocystis sp.
Ankistrodesmus falcatus
Kirchneriella obesa
Scenedesmus quadricauda
Scenedesmus bijuga
Scenedesmus dimorphus
Staurastrum sp.
Elakatothrix gelatinosa

Dinophyceae

Ceratium 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.