

DEP Algal Taxonomy Summary Report

Date Reported: 04/21/2021	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2021-04-19-47	Collector: B. Davis, K. Appleby
Event ID: WQAP-2021-04-21-01	Date Collected: 4/20/2021 2:55:00 PM
LIMS Sample ID: 2241202	Date Received: 4/21/2021 10:23:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Clear Lake - 4680 Clear Lake Dr.	Sample Preservation: ICE
Field ID: NEHAB0018	Analyst: Isaura Lorenzo-Perez
Sample Notes: The water was cloudy with specks present. The benthic diatoms <i>Aulacoseira granulata</i> and <i>Cyclotella</i> sp. were present. The algae appeared alive and healthy.	

Result: The dominant taxon was *Microcystis aeruginosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Rhabdogloea</i> sp.	
<i>Microcystis aeruginosa</i>	Yes
<i>Spirulina</i> sp.	

Chlorophyceae

Chlamydomonas sp.
Tetraedron trigonum gracile
Tetraedron regulare
Tetraedron caudatum
Tetraedron gracile
Ankistrodesmus falcatus
Monoraphidium sp.
Dictyosphaerium ehrenbergianum
Pediastrum duplex
Scenedesmus acuminatus
Scenedesmus quadricauda
Selenastrum sp.
Closterium sp.

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.