

DEP Algal Taxonomy Summary Report

Date Reported: 09/04/2020	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2020-09-07-47	Collector: Leif Boman, Victoria Schwartz
Event ID: CEN-DIST-2020-09-04-01	Date Collected: 9/3/2020 12:49:00 PM
LIMS Sample ID: 2194409	Date Received: 9/4/2020 11:40:00 AM
Analysis: ALGAL_ID	Sample Container: Plastic Tube 50 mL
Site Location: Shingle Creek Headwaters @ 370m from	Sample Preservation: ICE
Field ID: G4CE0198	Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large algal mat in the water. The benthic attached diatoms <i>Aulacoseira granulata</i> , <i>Fragilaria</i> sp., and <i>Eunotia</i> sp., were present. The algae appeared alive and healthy.	

Result: The dominant taxon was *Vaucheria* sp.

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

Heteroleibleinia kuetzingii
Phormidium sp.

Undetermined

Xanthophyceae

Vaucheria sp.

Chlorophyceae

Scenedesmus bijuga

Dinophyceae

Glenodinium sp.

Rhodophyceae

Audouinella hermannii

* 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.