

DEP Algal Taxonomy Summary Report

Date Reported: 5/20/2019	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2019-05-13-20	Collector: C. Ruben, J. Parrish
Event ID: NE-DIST-2019-05-16-01	Date Collected: 5/15/2019 11:30:00
LIMS Sample ID: 2086678	Date Received: 5/16/2019 10:30:00
Analysis: ALGAL_ID	Sample Container: Brown Glass Jar 500 ml
Site Location: MCCOYS CR AT LELAND ST	Sample Preservation: ICE
Field ID: 20030725	Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a large algal mat in water. The benthic attached diatoms, *Terpsinoe musica*, *Diadlesmis confervacea*, *Bacillaria paxillifer*, *Melosira* sp., *Fragilaria* sp., and *Synedra* sp. were abundant. Algae appeared alive and healthy.

Result: The dominant taxon was *Vaucheria* sp.

Other Taxa Present:	Toxin Potential *
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Cyanophyceae	
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<i>Oscillatoria</i> sp.	Undetermined
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Xanthophyceae	
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<i>Vaucheria</i> sp.	
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* 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.