

DEP Algal Taxonomy Summary Report

Date Reported: 7/2/2018 Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2018-06-18-24 Collector: A ONeal, N Wellendorf, S Panek
Event ID: WAS-SECT-2018-06-20-02 Date Collected: 6/20/2018 12:00:00
LIMS Sample ID: 2002383 Date Received: 6/20/2018 4:01:00 PM
Analysis: ALGAL_ID Sample Container: Medium Plastic Bag
Site Location: Merritts Mill Pond mid under powerlines Sample Preservation: ICE
Field ID: G2WA0008 Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large algal. The benthic attached diatoms, *Navicula* sp., *Cocconeis placentula*, *Encyonema silesiacum*, and *Surirella* sp., were present. Algae appeared alive and healthy.

Result: The dominant taxon was *Oscillatoria limosa*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Oscillatoria limosa</i>	Yes
<i>Jaaginema gracile</i>	
<i>Phormidium</i> sp.	Undetermined
<i>Geitlerinema acutissimum</i>	Yes

Chlorophyceae

Closterium sp.
Oedogonium 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.