

DEP Algal Taxonomy Summary Report

Date Reported: 3/19/2018 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2018-03-12-52 Collector: Curtis Musson
Event ID: WAS-SECT-2018-03-14-01 Date Collected: 3/14/2018 9:13:00 AM
LIMS Sample ID: 1974861 Date Received: 3/14/2018 2:26:00 PM
Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL
Site Location: Merritt's Mill Pond 500 meters upstream of dam Sample Preservation: ICE
Field ID: G2WA0009 Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large algal mat in water with the following benthic attached diatoms present;
Aulacoseira sp., *Navicula* sp. and *Gomphonema* sp. Algae appeared alive and healthy.

Result: The dominant taxon was *Spirogyra* sp.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Anabaena</i> sp.	Undetermined
<i>Oscillatoria</i> sp.	Undetermined
<i>Oscillatoria limosa</i>	Yes
<i>Heteroleibleinia kuetzingii</i>	
<i>Phormidium</i> sp.	Undetermined

Chlorophyceae

Spirogyra 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.