

DEP Algal Taxonomy Summary Report

Date Reported: 3/29/2018 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2018-03-19-63 Collector: L. Boman, K. Williams
Event ID: CEN-DIST-2018-03-20-02 Date Collected: 3/19/2018 11:00:00
LIMS Sample ID: 1975942 Date Received: 3/20/2018 10:05:00
Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL
Site Location: Bugg Spring Run @ 475m Upstream of Helena Sample Preservation: ICE
Field ID: G1CE0037 Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large algal mat in water. The benthic, attached diatoms, *Eunotia* sp. and *Melosira* sp., were present. Algae appeared alive and healthy.

Result: The dominant taxon was *Spirogyra* sp.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Oscillatoria</i> sp.	Undetermined
<i>Phormidium</i> sp.	Undetermined

Chlorophyceae

Spirogyra sp.
Mougeotia sp.
Closterium sp.
Oedogonium sp.
Microspora 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.