

DEP Algal Taxonomy Summary Report

Date Reported: 12/8/2017 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-09-04-45 Collector: Leif Boman
Event ID: CEN-DIST-2017-11-22-01 Date Collected: 11/21/2017 12:00:00 PM
LIMS Sample ID: 1948311 Date Received: 11/22/2017 10:00:00 AM
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, *Terpsinoe musica* and *Eunotia* sp. were present. The algae appeared alive and healthy.

Result: The co-dominant taxa were *Spirogyra* sp. (Class Chlorophyceae) and *Phormidium* sp. (Class Cyanophyceae).

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Oscillatoria</i> sp.	Undetermined
<i>Plectonema wollei</i>	Yes
<i>Phormidium</i> sp.	Undetermined

Chlorophyceae

Cladophora glomerata
Spirogyra sp.
Spirogyra crassa
Mougeotia sp.
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.