

DEP Algal Taxonomy Summary Report

Date Reported: 11/06/2017 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-10-30-18 Collector: Ben Ralys / Curtis Musson
Event ID: WAS-SECT-2017-10-31-01 Date Collected: 10/31/2017 2:30:00 PM
LIMS Sample ID: 1941621 Date Received: 11/1/2017 7:15:00 AM
Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL
Site Location: Tanyard Branch 100 meters upstream of Ralph Sample Preservation: ICE
Field ID: G1WA0005_10312017 Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a large algal mat in water with the following benthic, attached diatoms: *Eunotia* sp., and Fragilariaceae. Leaves and roots were present in the sample. Some filaments of *Vaucheria* sp. were disintegrated.

Result: The dominant taxon was *Vaucheria* sp.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Heteroleibleinia kuetzingii
Phormidium sp.

Undetermined

Xanthophyceae

Vaucheria sp.

Chlorophyceae

Spirogyra 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.