

DEP Algal Taxonomy Summary Report

Date Reported: 6/22/2018 Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2018-05-14-19 Collector: CURTIS MUSSON/BEN RALYS
Event ID: WAS-SECT-2018-06-21-01 Date Collected: 6/21/2018 8:00:00 AM
LIMS Sample ID: 2002757 Date Received: 6/21/2018 1:20:00 PM
Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL
Site Location: BURNT MILL CREEK UPSTREAM OF US 27 Sample Preservation: ICE
Field ID: G1WA0067 Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a mat of brown algae. The benthic attached diatoms, *Navicula* sp., *Melosira* sp., *Pinnularia* sp., and *Frustulia* sp., were present.

Result: The dominant taxon was *Schizothrix calcicola*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Schizothrix calcicola

Pseudanabaena sp.

Planktolyngbya limnetica

Undetermined

Chlorophyceae

Characium 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.