

DEP Algal Taxonomy Summary Report

Date Reported: 22-NOV-2019	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2019-11-18-22	Collector: Ben Paswater
Event ID: SW-DIST-2019-11-22-01	Date Collected: 11/21/2019 10:45:00 AM
LIMS Sample ID: 2138792	Date Received: 11/22/2019 9:55:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Bear Creek @ Beacon	Sample Preservation: ICE
Field ID: G5SW0102	Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained a large algal mat in water. The benthic attached diatoms, *Nitzshia amphibia*, *Fragilaria* sp., *Eunotia* sp., and *Gomphonema* sp., were present. The algae appeared alive and healthy.

Result: Dominant taxon was *Lyngbya*-like filamentous cyanobacteria (cf. *Lyngbya majuscula*)

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

<i>Lyngbya majuscula</i>	
<i>Phormidium</i> sp.	Undetermined

* 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.