DEP Algal Taxonomy Summary Report

Date Reported: 01/06/2020
Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2019-12-16-47
Collector: Curtis Musson
Event ID: WAS-SECT-2019-12-18-01
Date Collected: 12/18/2019 8:53:00 AM
LIMS Sample ID: 2145095
Date Received: 12/18/2019 2:46:00 PM
Analysis: ALGAL_ID
Sample Container: Plastic Tube 50 mL
Site Location: Merritt's Mill Pond 500 meters upstream of dam
Sample Preservation: ICE
Field ID: G2WA0009
Analyst: Rachael Dragon
Sample Notes: The sample contained an algal mat in water.

Result: The co-dominant taxa were *Spirogyra crassa* (Chlorophyceae) and *Oscillatoria limosa* (Cyanophyceae).

Other Taxa Present:	**Toxin Potential ***
Cyanophyceae	
Oscillatoria limosa	Yes
Phormidium sp.	Undetermined
Chlorophyceae	
Spirogyra crassa	

* 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.