

DEP Algal Taxonomy Summary Report

Date Reported: 27-APR-2022	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-04-18-43	Collector: Liz Bates, Leif Boman
Event ID: WQAP-2022-04-27-01	Date Collected: 4/26/2022 11:18:00 AM
LIMS Sample ID: 2322205	Date Received: 4/27/2022 9:15:00 AM
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Alexander Spring - DS of vent	Sample Preservation: ICE
Field ID: HABCE0119_AlexanderSpring	Analyst: Rachael Dragon
Sample Notes: The co-dominant taxa were Hydrodictyon reticulatum (Chlorophyceae) and Plectonema wollei (Cyanophyceae). The sample contained an algal mat in water. Diatoms were present.	

Result: The co-dominant taxa were Hydrodictyon reticulatum (Chlorophyceae) and Plectonema wollei (Cyanophyceae).

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Oscillatoria sp.</i>	Undetermined	
<i>Plectonema wollei</i>	Yes	
<i>Phormidium sp.</i>	Undetermined	
Chlorophyceae		
<i>Hydrodictyon reticulatum</i>		
<i>Enteromorpha flexuosa</i>		
<i>Cladophora sp.</i>		
<i>Spirogyra sp.</i>		

* 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.