

DEP Algal Taxonomy Summary Report

Date Reported: 26-JUN-2023 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2023-05-29-51 Collector: Victoria S, Jesie A, Denver B
Event ID: WQAP-2023-05-31-01 Date Collected: 5/30/2023 11:15:00 AM
LIMS Sample ID: 2413310 Date Received: 5/31/2023 9:00:00 AM
Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL
Site Location: Wauseon Bay - E Lobe Sample Preservation: ICE
Field ID: HABCE0199_WauseonBay Analyst:
Sample Notes: The co-dominant taxa were Oedogonium sp. and Spirogyra sp. The sample contained a large algal mat in water. Diatoms were present. The algae appeared degraded.

Result: The co-dominant taxa were Oedogonium sp. and Spirogyra sp. in the algal mat sample.

Other Taxa Present:	Toxin Potential *	Cells/mL
Cyanophyceae		
<i>Oscillatoria sp.</i>	Undetermined	
<i>Plectonema wollei</i>	Yes	
Chlorophyceae		
<i>Botryococcus braunii</i>		
<i>Spirogyra sp.</i>		
<i>Cosmarium sp.</i>		
<i>Oedogonium 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.