

DEP Algal Taxonomy Summary Report

Date Reported: 1/28/2020	Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2020-02-03-37	Collector: Michael King
Event ID: WQAP-2020-01-28-02	Date Collected: 1/27/2020 5:05:00 PM
LIMS Sample ID: 2152023	Date Received: 1/28/2020 10:00:00
Analysis: BLOOM-ID	Sample Container: Plastic Tube 50 mL
Site Location: Tiger Point Golf Course Pond	Sample Preservation: ICE
Field ID: HAB_Direct_Runoff_Pond	Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large algal mat in water. The benthic attached diatoms, <i>Gomphonema</i> sp. and <i>Fragilaria</i> sp., were present. Algae appeared alive and healthy.	

Result: The co-dominant taxa were *Dolichospermum circinale* and *Oedogonium* sp.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

<i>Microcystis wesenbergii</i>	Yes
<i>Dolichospermum circinale</i>	Yes
<i>Dolichospermum planctonicum</i>	Undetermined

Chlorophyceae

Rhizoclonium hieroglyphicum
Spirogyra sp.
Oedogonium 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.