

DEP Algal Taxonomy Summary Report

Date Reported: 04/13/2017 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2017-04-03-16 Collector: J. Parrish
Event ID: NE-DIST-2017-04-06-02 Date Collected: 4/5/2017 11:30:00 AM
LIMS Sample ID: 1886351 Date Received: 4/6/2017 10:07:00 AM
Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL
Site Location: Santa Fe R @ Hollingsworth Bluff Sample Preservation: ICE
Field ID: G1NE0624 04052017 Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large algal mat in water. The attached, benthic diatoms, *Eunotia* sp., *Aulacoseira* sp., *Cocconeis placentula*, *Terpsinoe musica*, *Pleurosira laevis*, *Gomphonema* sp., and *Fragilariaceae* were abundant.

Result: The co-dominant taxa were *Cladophora* sp. and *Rhizoclonium hieroglyphicum*.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae	
<i>Oscillatoria</i> sp.	Undetermined
<i>Heteroleibleinia kuetzingii</i>	
<i>Phormidium</i> sp.	Undetermined
<i>Planktolyngbya limnetica</i>	
Chlorophyceae	
<i>Cladophora</i> sp.	
<i>Rhizoclonium hieroglyphicum</i>	
<i>Spirogyra</i> sp.	
<i>Closterium</i> sp.	
<i>Oedogonium</i> 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.