DEP Algal Taxonomy Summary Report

Date Reported: 07/28/2017 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us

Request ID: RQ-2017-06-26-38 Collector: CHRIS GREEN/JON WOODS

Event ID: WQAP-2017-07-13-02 Date Collected: 7/13/2017 7:30:00 AM

LIMS Sample ID: 1913341 Date Received: 7/13/2017 11:41:00 AM

Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL

Site Location: ST MARKS RIVER DOWN STREAM FROM RISE Sample Preservation: None

Field ID: G1TLHR0044-2017-01 Analyst: Isaura Lorenzo-Perez

Sample Notes: The sample contained an algal mat of green filaments covered with brown, flocculent diatoms. The benthic diatoms *Aulacoseira* sp., *Eunotia* sp., *Melosira* sp., *Nitzschia* sp., *Gomphonema* sp. and Fragilariaceae were abundant.

Result: The dominant taxon was *Spirogyra* sp.

Other Taxa Present:	**Toxin Potential ***
Cyanophyceae	
Anabaena sp.	Undetermined
Oscillatoria sp.	Undetermined
Phormidium sp.	Undetermined
Chlorophyceae	
Chlorococcum sp.	
Spirogyra sp.	
Closterium sp.	
Cosmarium 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.