

FDEP Algal Taxonomy Summary Report

Date Reported: 12/23/2016 Report sent by: Jennifer Walters, 850-245-8159, Jennifer.Walters@dep.state.fl.us
Request ID: RQ-2016-12-12-13 Collector: J.Parrish / N.Fredrick
Event ID: NE-DIST-2016-12-21-01 Date Collected: 12/20/2016 12:30:00
LIMS Sample ID: 1859450 Date Received: 12/21/2016 11:35:00
Analysis: ALGAL_ID Sample Container: Plastic Tube 50 mL
Site Location: Santa Fe below Elie Rays Sample Preservation: ICE
Field ID: G1NE0855 12202016 Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large algal mat in water with the following benthic, attached diatoms:
Aulacoseira sp., *Eunotia* sp., *Terpsinoe musica*, *Pleurosira laevis*, *Diadismis confervacea* and
Fragilariaceae.

Result: The dominant taxon was *Vaucheria* sp.

Other Taxa Present: **Toxin Potential ***

Cyanophyceae

Oscillatoria sp. Undetermined

Xanthophyceae

Vaucheria sp.

Chlorophyceae

Closterium 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.