

DEP Algal Taxonomy Summary Report

Date Reported: 07/16/2020

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov

Request ID: RQ-2020-03-30-08

Collector: Kelby Callahan/Sarah Meyer

Event ID: WQAP-2020-07-15-01

Date Collected: 7/14/2020 10:25:00 AM

LIMS Sample ID: 2182943

Date Received: 7/15/2020 11:20:00 AM

Analysis: BLOOM-ID

Sample Container: Plastic Tube 50 mL

Site Location: Lake Garfield - @ Ramp

Sample Preservation: ICE

Field ID: HAB-SW-0020

Analyst: Isaura Lorenzo-Perez

Sample Notes: The water was clear. The benthic diatoms, *Aulacoseira granulata* and *Coscinodiscus* sp., were present. The algae appeared alive and healthy.

Result: There was no clear dominant taxon in the sample.

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Snowella sp.

Merismopedia warmingiana

Anabaena sp.

Undetermined

Pseudanabaena sp.

Undetermined

Planktolyngbya limnetica

Planktolyngbya lacustris

Chlorophyceae

Monoraphidium sp.

Scenedesmus abundans

Crucigenia tetrapedia

Crucigenia quadrata

Botryococcus braunii

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.