

DEP Algal Taxonomy Summary Report

Date Reported: 11/01/2018

Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@dep.state.fl.us

Request ID: RQ-2018-10-08-15

Collector: Chris Green, Mike Eckles

Event ID: TLH-ROC-2018-10-24-02

Date Collected: 10/24/2018 12:10:00 PM

LIMS Sample ID: 2035924

Date Received: 10/24/2018 4:17:00 PM

Analysis: ALGAL_ID

Sample Container: Plastic Tube 50 mL

Site Location: OWENS SPRING

Sample Preservation: ICE

Field ID: G1TLHR0036

Analyst: Rachael Dragon

Sample Notes: The sample contained an algal mat in water. Some of the algae were degraded.

Result: The co-dominant taxa were *Vaucheria* sp. (Class Xanthophyceae) and *Hydrodictyon reticulatum* (Class Chlorophyceae).

Other Taxa Present:

Toxin Potential *

Cyanophyceae

Oscillatoria sp.

Undetermined

Xanthophyceae

Vaucheria sp.

Chlorophyceae

Hydrodictyon reticulatum

Spirogyra sp.

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.