

## FDEP Laboratory, Biology Program, Algal Taxonomy Summary Report

Report Date: 5/11/2016  
Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us  
Request ID: RQ-2016-05-09-75  
Event ID: WQAP-2016-05-11-01  
Sample ID: 1797968  
Analysis: ALGAL\_ID  
Collector: Curtis Musson/Robert Wiwi  
Site Location: Harbinwood Estates Drain  
Field ID: G1WA0034  
Date Collected: 5/11/2016 11:35  
Date Received: 5/11/2016 14:38  
Sample container: 50 ml plastic tube  
Sample preservation: None  
Analyst(s): Isaura Lorenzo-Perez and Maosen Hua  
Sample notes: The sample contained a large algal mat in water. Algae appeared alive and healthy.

| Result:                                          | Class               | Toxin potential * |
|--------------------------------------------------|---------------------|-------------------|
| The dominant taxon was:                          |                     |                   |
| <i>Rhizoclonium hieroglyphicum</i>               | Class Chlorophyceae | -                 |
| Other taxa present:                              |                     |                   |
| <i>Calothrix</i> sp.                             | Class Cyanophyceae  | -                 |
| <i>Pseudanabaena</i> sp.                         | Class Cyanophyceae  | undetermined      |
| <i>Schizothrix calcicola</i>                     | Class Cyanophyceae  | -                 |
| <i>Pleurotaenium minutum</i> var. <i>minutum</i> | Class Chlorophyceae | -                 |
| <i>Spirogyra crassa</i>                          | Class Chlorophyceae | -                 |

\* Information based on literature searches and personal communications; 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.