

DEP Algal Taxonomy Summary Report

Date Reported: 25-FEB-2022 Report sent by: Amelia Rankin, 850-245-8182, Amelia.Rankin@FloridaDEP.gov
Request ID: RQ-2022-02-21-70 Collector: Liz Bates
Event ID: WQAP-2022-02-25-03 Date Collected: 2/24/2022 1:35:00 PM
LIMS Sample ID: 2308251 Date Received: 2/25/2022 11:23:00 AM
Analysis: BLOOM-ID Sample Container: Plastic Tube 50 mL
Site Location: Lake Chelton - between Forrest Rd. and Glencoe Sample Preservation: ICE
Field ID: HABCE0104_LakeChelton Analyst:
Sample Notes: There was no clear dominant taxon in the sample. The sample water was clear. Diatoms were present.
Algae were sparse with ~
0-2 algal units per field of view.

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

Other Taxa Present:	Toxin Potential *	Cells/mL
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Cyanophyceae

Chroococcus dispersus

Aphanocapsa sp.

Undetermined

Pseudanabaena sp.

Undetermined

Planktolyngbya limnetica

Chrysophyceae

Dinobryon sertularia

Chlorophyceae

Chlamydomonas sp.

Eudorina elegans

Botryococcus braunii

Gloeocystis sp.

Closterium sp.

Cosmarium sp.

Dinophyceae

Glenodinium sp.

Ceratium sp.

Cryptophyceae

Cryptomonas 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.