



Wisconsin State Laboratory of Hygiene
 2601 Agriculture Drive, PO Box 7996
 Madison, WI 53707-7996
 (800)442-4618 • FAX (608)224-6213
<http://www.slh.wisc.edu>

Laboratory Report

D.F. Kurtycz, M.D., Medical Director • Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

Environmental Toxicology

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB WI00007

WI DATCP ID: 105-415

WSLH Sample: FY000229

POLK COUNTY LAND & WATER RESOU

100 POLK CO. PLAZA, STE 120

BALSAM LAKE WI 54810

Bill To

Customer ID: 336949

POLK COUNTY LAND & WATER RESOURCES

DEPARTMENT
 100 POLK CO. PLAZA, STE 120

BALSAM LAKE WI 54810

ID#: 493144

Waterbody/Outfall ID: 2627000

Point/Well:

Account #: PP001

Project No:

Date Received: 02/19/2014 08:28:00

Date Reported: 03/10/2014

Sample Reason:

Field #:

Collection Start: 09/26/2013

Collection End:

Collected By: JEREMY WILLIAMSON

County:

Sample Source: SURFACE WATER

Sample Depth: 2 Meters

Sample Information: ; COMPOSITE SAMPLER

Sample Location: BIG BLAKE LAKE

Sample Description: MID LAKE

Analyses and Results:



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Taxa	Division	Result	Unit	Percentage
AULACOSEIRA SP.	BACILLARIOPHYTA	40.	CELLS/ML	0.2 %
CAVINULA SP.	BACILLARIOPHYTA	140.	CELLS/ML	0.6 %
CLOSTERIUM SP.	CHLOROPHYTA	20.	CELLS/ML	0.1 %
DYSMORPHOCOCCUS SP.	CHLOROPHYTA	60.	CELLS/ML	0.3 %
OOCYSTIS SP.	CHLOROPHYTA	301.	CELLS/ML	1.3 %
SCENEDESMUS SP.	CHLOROPHYTA	160.	CELLS/ML	0.7 %
SCHROEDERIA SP.	CHLOROPHYTA	341.	CELLS/ML	1.5 %
SPHAEROCYSTIS SP.	CHLOROPHYTA	1242.	CELLS/ML	5.5 %
STAUSTRUM SP.	CHLOROPHYTA	20.	CELLS/ML	0.1 %
TETRAEDRON SP.	CHLOROPHYTA	40.	CELLS/ML	0.2 %
TETRASELMIS SP.	CHLOROPHYTA	40.	CELLS/ML	0.2 %
CRYPTOMONAS SP.	CRYPTOPHYTA	2645.	CELLS/ML	11.8 %
KOMMA CAUDATA	CRYPTOPHYTA	1643.	CELLS/ML	7.3 %
ANABAENA SP.	CYANOPHYTA	260.	CELLS/ML	1.2 %
APHANIZOMENON FLOS-AQUAE	CYANOPHYTA	561.	CELLS/ML	2.5 %
COELOSPHAERIUM SP.	CYANOPHYTA	9518.	CELLS/ML	42.4 %
MICROCYSTIS AERUGINOSA	CYANOPHYTA	1703.	CELLS/ML	7.6 %
PSEUDANABAENA SP.	CYANOPHYTA	3707.	CELLS/ML	16.5 %

Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see <http://www.slh.wisc.edu/nelap/>

List of Abbreviations:

Natural Unit = Unicell, Colony or Filament Equals 1 Unit

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

Responsible Party: Steve Geis Steve Geis, Chemist Supervisor

If there are questions about this report, please contact Dawn Perkins at 608-224-6230.

The results in this report apply only to the sample specifically listed above. This report is not to be reproduced except in full.