



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: FY000228

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: 08/19/2013

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	136.	CELLS/ML	0.9 %
CAVINULA SP.	BACILLARIOPHYTA	27.	CELLS/ML	0.2 %
CHODATELLA SP.	CHLOROPHYTA	82.	CELLS/ML	0.5 %
DYSMORPHOCOCCUS SP.	CHLOROPHYTA	164.	CELLS/ML	1.1 %
EUDORINA SP.	CHLOROPHYTA	409.	CELLS/ML	2.7 %
OOCYSTIS SP.	CHLOROPHYTA	164.	CELLS/ML	1.1 %
PEDIASTRUM SP.	CHLOROPHYTA	27.	CELLS/ML	0.2 %
SCHROEDERIA SP.	CHLOROPHYTA	27.	CELLS/ML	0.2 %
TETRASELMIS SP.	CHLOROPHYTA	27.	CELLS/ML	0.2 %
CRYPTOMONAS SP.	CRYPTOPHYTA	2889.	CELLS/ML	18.9 %
KOMMA CAUDATA	CRYPTOPHYTA	4006.	CELLS/ML	26.2 %
ANABAENA SP.	CYANOPHYTA	1744.	CELLS/ML	11.4 %
APHANIZOMENON FLOS-AQUAE	CYANOPHYTA	2861.	CELLS/ML	18.7 %
COELOSPHAERIUM SP.	CYANOPHYTA	1690.	CELLS/ML	11.1 %
MICROCYSTIS AERUGINOSA	CYANOPHYTA	491.	CELLS/ML	3.2 %
CERATIUM HIRUNDINELLA	PYRRHOPHYTA	545.	CELLS/ML	3.6 %

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.