



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: FY000227**

**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: 07/24/2013

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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**WSLH Sample: FY000227**

Taxa	Division	Result	Unit	Percentage
AULACOSEIRA SP.	BACILLARIOPHYTA	30.	CELLS/ML	0.7 %
CAVINULA SP.	BACILLARIOPHYTA	30.	CELLS/ML	0.7 %
FRAGILARIA CROTONENSIS	BACILLARIOPHYTA	180.	CELLS/ML	4.3 %
SYNEDRA SP.	BACILLARIOPHYTA	20.	CELLS/ML	0.5 %
DICTYOSPHAERIUM SP.	CHLOROPHYTA	220.	CELLS/ML	5.2 %
DYSMORPHOCOCCUS SP.	CHLOROPHYTA	30.	CELLS/ML	0.7 %
MICRACTINIUM SP.	CHLOROPHYTA	220.	CELLS/ML	5.2 %
OOCYSTIS SP.	CHLOROPHYTA	40.	CELLS/ML	1.0 %
PEDIASTRUM SP.	CHLOROPHYTA	10.	CELLS/ML	0.2 %
SCENEDESMUS SP.	CHLOROPHYTA	40.	CELLS/ML	1.0 %
SCHROEDERIA SP.	CHLOROPHYTA	80.	CELLS/ML	1.9 %
SPHAEROCYSTIS SP.	CHLOROPHYTA	210.	CELLS/ML	5.0 %
STAUSTRUM SP.	CHLOROPHYTA	20.	CELLS/ML	0.5 %
TETRAEDRON SP.	CHLOROPHYTA	20.	CELLS/ML	0.5 %
TETRASELMIS SP.	CHLOROPHYTA	40.	CELLS/ML	1.0 %
CRYPTOMONAS SP.	CRYPTOPHYTA	391.	CELLS/ML	9.3 %
KOMMA CAUDATA	CRYPTOPHYTA	1723.	CELLS/ML	41.1 %
ANABAENA SP.	CYANOPHYTA	491.	CELLS/ML	11.7 %
TRACHELOMONAS SP.	EUGLENOPHYTA	100.	CELLS/ML	2.4 %
CERATIUM HIRUNDINELLA	PYRRHOPHYTA	281.	CELLS/ML	6.7 %
PERIDIINIUM SP.	PYRRHOPHYTA	20.	CELLS/ML	0.5 %

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.