



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

Environmental Health Division

WSLH Sample: 576696001

Report To:
 BARBARA BARON
 WATERFORD WATERWAY MANAGMT
 DISTRICT
 PO BOX 416
 WATERFORD, WI 53185

Invoice To:
 BARBARA BARON
 WATERFORD WATERWAY MANAGMT
 DISTRICT
 PO BOX 416
 WATERFORD, WI 53185
 Customer ID: 352891

Field #: WATERFORD LAKE
 Project No:
 Collection End: 8/6/2021 10:30:00 AM

ID#: NA
 Sample Location: WATERFORD LAKE
 Sample Description: WISCONSIN DNR LABORATORY OF
 HYGIENE CONTAINER

Collection Start:
 Collected By: MIKE BARRETT
 Date Received: 8/6/2021
 Date Reported: 9/17/2021
 Sample Reason:

Sample Type: SU-SURFACE WATER
 Waterbody:
 Point or Outfall:
 Sample Depth: 0IN
 Program Code:
 Region Code:
 County:

Sample Comments

Cyanobacteria identification and enumeration only requested.

Environmental Toxicology

Analyte	Analysis Method	Result	Units	LOD	LOQ
Microcystin Toxins by ELISA	Microcystin Immunoassay Screen	0.24	ug/L	0.10	0.15

Test: **ET47002** Method: **Cyanobacteria Utermohl** Analysis Date: **09/03/21**

Division: **CYANOPHYTA**

Taxa	Count NU/mL	Cell Count Cells/mL	Relative Cell Count (%)
Aphanocapsa sp.	779	21250	11.4
Chroococcus sp.	2822	20763	11.1
Chroococcus sp. 2	130	1168	0.6
Lyngbya sp.	389	14956	8.0
Merismopedia sp.	5061	125487	67.1
Microcystis sp.	454	2531	1.4
Planktolynngbya sp.	32	292	0.2

Environmental Health Division

WSLH Sample: 576696001

Division: **CYANOPHYTA**

Taxa	Count NU/mL	Cell Count Cells/mL	Relative Cell Count (%)
Pseudanabaena sp.	130	584	0.3

WDNR LAB ID: 113133790

NELAP LAB ID: 2091

EPA LAB ID: WI00007

AARST-NRPP Cert. ID No. 107308 AL

List of Abbreviations:

ND = None detected.
NU = Natural Unit (unicell, colony or filament equals 1 unit)
TNTC = Too Numerous To Count
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LOQ = Level of quantification
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Z next to result = Result is between 0 (zero) and LOD
if LOD=LOQ, Limits were not statistically derived

Results have been adjusted for analytical dilutions where applicable.

Results relate only to the items tested.

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Responsible Party

Environmental Toxicology: Dawn Perkins, Supervisor 608-224-6230



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WSLH Sample: 576696002

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 WATERFORD, WI 53185

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 WATERFORD WATERWAY MANAGMT
 DISTRICT
 PO BOX 416
 WATERFORD, WI 53185
 Customer ID: 352891

Field #: FOX RIVER NEAR CHANNEL

ID#: NA

Project No:

Sample Location: FOX RIVER NEAR CHANNEL

Collection End: 8/6/2021 10:30:00 AM

Sample Description: WISCONSIN DNR LABORATORY OF
 HYGIENE CONTAINER

Collection Start:

Sample Type: SU-SURFACE WATER

Collected By: MIKE BARRETT

Waterbody:

Date Received: 8/6/2021

Point or Outfall:

Date Reported: 9/17/2021

Sample Depth: 0IN

Sample Reason:

Program Code:

Region Code:

County:

Sample Comments

Cyanobacteria identification and enumeration only requested.

Environmental Toxicology

Analyte	Analysis Method	Result	Units	LOD	LOQ
Microcystin Toxins by ELISA	Microcystin Immunoassay Screen	0.13F	ug/L	0.10	0.15

Test: **ET47002** Method: **Cyanobacteria Utermohl** Analysis Date: **09/03/21**

Division: **CYANOPHYTA**

Taxa	Count NU/mL	Cell Count Cells/mL	Relative Cell Count (%)
Aphanocapsa sp.	20	259	1.4
Limnothrix sp.	129	6186	33.7
Merismopedia sp.	422	11500	62.6
Planktolyngbya sp.	20	164	0.9
Planktothrix sp.	14	204	1.1
Pseudanabaena sp.	7	61	0.3



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Laboratory Report

Environmental Health Division

WSLH Sample: 576696002

WDNR LAB ID: 113133790

NELAP LAB ID: 2091

EPA LAB ID: WI00007

AARST-NRPP Cert. ID No. 107308 AL

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Laboratory Report

Environmental Health Division

WSLH Sample: 576696003

Report To:
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 WATERFORD WATERWAY MANAGMT
 DISTRICT
 PO BOX 416
 WATERFORD, WI 53185

Invoice To:
 BARBARA BARON
 WATERFORD WATERWAY MANAGMT
 DISTRICT
 PO BOX 416
 WATERFORD, WI 53185
 Customer ID: 352891

Field #: TICHIGAN DEEP HOLE
 Project No:
 Collection End: 8/6/2021 11:00:00 AM

ID#: NA
 Sample Location: TICHIGAN DEEP HOLE
 Sample Description: WISCONSIN DNR LABORATORY OF
 HYGIENE CONTAINER

Collection Start:
 Collected By: MIKE BARRETT
 Date Received: 8/6/2021
 Date Reported: 9/17/2021
 Sample Reason:

Sample Type: SU-SURFACE WATER
 Waterbody:
 Point or Outfall:
 Sample Depth: 0IN
 Program Code:
 Region Code:
 County:

Sample Comments

Cyanobacteria identification and enumeration only requested.

Environmental Toxicology

Analyte	Analysis Method	Result	Units	LOD	LOQ
Microcystin Toxins by ELISA	Microcystin Immunoassay Screen	0.15	ug/L	0.10	0.15

Test: **ET47002** Method: **Cyanobacteria Utermohl** Analysis Date: **09/03/21**

Division: **CYANOPHYTA**

Taxa	Count NU/mL	Cell Count Cells/mL	Relative Cell Count (%)
Aphanocapsa sp.	1173	21688	28.3
Limnothrix sp.	13	429	0.6
Merismopedia sp.	580	12011	15.7
Microcystis sp.	38	2725	3.6
Planktolyngbya sp.	1413	27453	35.8
Planktothrix sp.	38	341	0.4
Pseudanabaena sp.	593	12061	15.7



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WSLH Sample: 576696003

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NELAP LAB ID: 2091

EPA LAB ID: WI00007

AARST-NRPP Cert. ID No. 107308 AL

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WSLH Sample: 576696004

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 DISTRICT
 PO BOX 416
 WATERFORD, WI 53185

Invoice To:
 BARBARA BARON
 WATERFORD WATERWAY MANAGMT
 DISTRICT
 PO BOX 416
 WATERFORD, WI 53185
 Customer ID: 352891

Field #: CONSERVANCY BAY
 Project No:
 Collection End: 8/6/2021 10:45:00 AM

ID#: NA
 Sample Location: CONSERVANCY BAY
 Sample Description: WISCONSIN DNR LABORATORY OF
 HYGIENE CONTAINER

Collection Start:
 Collected By: MIKE BARRETT
 Date Received: 8/6/2021
 Date Reported: 9/17/2021
 Sample Reason:

Sample Type: SU-SURFACE WATER
 Waterbody:
 Point or Outfall:
 Sample Depth: 0IN
 Program Code:
 Region Code:
 County:

Sample Comments

Cyanobacteria identification and enumeration only requested.

Environmental Toxicology

Analyte	Analysis Method	Result	Units	LOD	LOQ
Microcystin Toxins by ELISA	Microcystin Immunoassay Screen	ND	ug/L	0.10	0.15

Test: **ET47002** Method: **Cyanobacteria Utermohl** Analysis Date: **09/03/21**

Division: **CYANOPHYTA**

Taxa	Count NU/mL	Cell Count Cells/mL	Relative Cell Count (%)
Anabaena sp.	123	1158	40.1
Merismopedia sp.	55	818	28.3
Microcystis sp.	55	756	26.2
Pseudanabaena sp.	20	157	5.4



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EPA LAB ID: WI00007

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