



**Summary of DNA Data for Watermilfoil**  
 Grand Valley State University's Robert B. Annis Water Resources Institute

<b>Company/Entity</b>	<b>WI DNR</b>
<b>Total Samples Processed</b>	<b>8</b>
<b>Cost per Sample</b>	
<b>Set up Fee (if applicable)</b>	
<b>Total Cost</b>	

**ATTN:**

**Send Invoice to:**

Ryan Raab  
 Bureau of Watershed management  
 WIDNR  
 101 South Webster St.  
 P.O. Box 7921  
 Madison, WI 53707

**Send Results to:**

Brenda Nordin ([Brenda.Nordin@wisconsin.gov](mailto:Brenda.Nordin@wisconsin.gov))  
 Michelle Nault ([michelle.nault@wisconsin.gov](mailto:michelle.nault@wisconsin.gov))  
 Scott Vanegeren ([Scott.VanEgeren@wisconsin.gov](mailto:Scott.VanEgeren@wisconsin.gov))  
 Maureen Ferry ([Maureen.Ferry@wisconsin.gov](mailto:Maureen.Ferry@wisconsin.gov))  
 Scott Provost ([Scott.Provost@wisconsin.gov](mailto:Scott.Provost@wisconsin.gov))

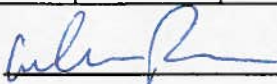
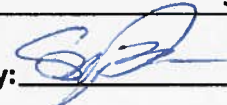
**Result Details (By Lake):**

**Lake Name:** Grass Lake **WBIC:**299200  
**Date Received:** 10/1/15  
**Number of Samples Sent:** 4  
**Number of Samples Processed:** 4  
**Comments:** See additional documents for additional lake and sample information

**Lake Name:** Pine Lake **WBIC:**299100  
**Date Received:** 10/1/15  
**Number of Samples Sent:** 4  
**Number of Samples Processed:** 4  
**Comments:** See additional documents for additional lake and sample information

**Genetic IDs:**

Area/site	Sample #	Putative ID	ID
Grass/ Sample Site 1- Landing	1-2	NA	Hybrid Watermilfoil ( <i>Myriophyllum spicatum</i> x <i>M. sibiricum</i> )
Grass/ #2	3-4	NA	Hybrid Watermilfoil ( <i>Myriophyllum spicatum</i> x <i>M. sibiricum</i> )
Pine/ #3	5-6	NA	Hybrid Watermilfoil ( <i>Myriophyllum spicatum</i> x <i>M. sibiricum</i> )
Pine/ #4	7-8	NA	Hybrid Watermilfoil ( <i>Myriophyllum spicatum</i> x <i>M. sibiricum</i> )

Identified by:  ID verified by: 



**AquaGen**  
INTEGRATING SCIENCE INTO THE SOLUTION

# Watermilfoil Chain of Custody Record



**GRAND VALLEY STATE UNIVERSITY**  
ROBERT B. ANNIS WATER RESOURCES INSTITUTE

Released to  
 Syndell Parks, Project Manager  
 616-331-3997 (office)  
 616-331-8797 (lab)  
 Email: aquagen@gvsu.edu  
 740 West Shoreline Dr.  
 Muskegon, MI 49441  
 Annis Water Resources Institute  
 Grand Valley State University

*not included  
 1st Filtration  
 2nd Filtration*

**Received From:** Brenda Vardin  
**Name(print):** *WTDNR*  
**Organization:** *WTDNR*  
**Address:**

**Bill To:** *WTDNR*  
**Name(print):**  
**Organization:**  
**Address:**

**Send Results To:**  
**Name (print):** *Brenda Vardin*  
**Email:**

**Name (print):**  
**Email:**

**Name (print):** *Michelle Dault*  
**Email:**

**Email:**  
**Phone:**

**Email:**  
**Phone:**

----- To be filled in by sender -----

----- To be filled in by Thum lab -----

Date Sampled	Lake Name	Location within waterbody	Latitude (DD)	Longitude (DD)	Putative ID	No. stems to process	Date Rec'd	Pop ID Assigned to samples	Sample condition & notes
9.29.15	Cross Lake - Shawano	Sample site 1 - loading dock WBIC 299100	44.68897	-88.67368		2	10.1.15	W2494 -001.008	
9.29.15	"	<del>Sample site 1</del> WBIC 299200	44.69271	-88.66408		2		W2494 -003.004 W2495 -001.008 W2495 -003.004	
9.29.15	Pine Lake - Shawano	#B WBIC 299100	44.69067	-88.65933		2			
9.29.15	"	#L WBIC 299100	44.68106	-88.65933		2			

\*\*\*Fast track identification results (Y/N):   D   For additional cost results can be guaranteed within 3 business days.

**Submitted and Agreed to by:** (sign/date) \_\_\_\_\_ **Received by:** (sign/date) \_\_\_\_\_  
 Subject to all terms and conditions, including limitations of liability and waivers of rights and remedies, on following page.

### Sample Lab Slip:

<b>Lake Information</b>	
Name:	<u>Pine Lake</u>
County:	<u>Shawano</u>
WBIC:	<u>299100</u>
Date Collected:	<u>9-29-15</u>
Lake coordinates:	
Indicate Decimal Degrees, Lat/Long, UTM etc.	
<b>Sample Information</b>	
ID#	<u>4</u>
Sample Location:	Point# <u>    </u>
	<u>N 44.68106</u>
	<u>W 088.65933</u>
E.g. Lat/long, east basin, lakewide	
Reason for collection:	
<u>Hybrid Testing For</u>	
<u>Challenge Testing</u>	
Collected by: <u>Britten &amp; Nordin</u>	
E.g. Baseline survey, recent milfbil increase, plant looks weird, etc., include as much detail as you want	
Comments:	
# OF SAMPLES TO TEST:	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2
<b>Contact Information</b>	
Name:	<u>Nordin</u>
Organization:	<u>WIDNR</u> or <u>OTHER</u>
Phone:	<u>    </u>
Email:	<u>    </u>

### Sample Lab Slip:

#### Lake Information

Name: Crass Lake

County: Stowand

WBIC: 299200

Date Collected: 9-29-15

Lake coordinates:

Indicate Decimal Degrees, Lat/Long, UTM etc.

#### Sample Information

ID: #1

Sample Location: Landing ~~Point#~~ Sample Site 1

-N44.68897 W088.67362

E.g. Lat/long, east basin, lakewide

Reason for collection:

Confirm Hybrid Fen  
Challenge Testing

Collected by: Britton & Mendin

E.g. Baseline survey, recent milfil increase, plant looks weird, etc., include as much detail as you want

Comments:

# OF SAMPLES TO TEST:

2

#### Contact Information

Name: Brenda Mendin

Organization: WIDNR or OTHER

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### Sample Lab Slip:

#### Lake Information

Name: Grass Lake

County: Sharon

WBIC: 299200

Date Collected: 9-29-15

Lake coordinates:

Indicate Decimal Degrees, Lat/Long, UTM etc.

#### Sample Information

ID: #2

Sample Location: N. 44.69271 Point # 6088.66402

E.g. Lat/long, east basin, lakewide

Reason for collection:

Hybridity Testing for  
Challenge Testing

Collected by: Britten & Nolan

E.g. Baseline survey, recent milfoil increase, plant  
looks weird, etc., include as much detail as you want

Comments:

# OF SAMPLES TO TEST:

2

#### Contact Information

Name: Nordlin

Organization:  WIDNR or  OTHER

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### Sample Lab Slip:

#### Lake Information

Name: Pine Lake

County: Shawano

WBIC: 299100

Date Collected: 9-29-15

Lake coordinates:

Indicate Decimal Degrees, Lat/Long, UTM etc.

#### Sample Information

ID: #3

Sample Location: Point #

N44.69067

W088.65933

E.g. Lat/long, east basin, lakewide

Reason for collection:

Hybridity Testing for  
Challenge Testing

Collected by: Britton & Mousin

E.g. Baseline survey, recent milfoil increase, plant looks weird, etc., include as much detail as you want

Comments:

# OF SAMPLES TO TEST:

2

#### Contact Information

Name: Mousin

Organization: WIDNR or OTHER

Phone: \_\_\_\_\_

Email: \_\_\_\_\_