

**Station Summary**

<b>Waterbody Name</b> BARABOO RIVER		<b>WBIC</b> 1271100	<b>Field Seq no. generated by SWIMS</b> 169825042
<b>SWIMS Station ID</b> 10051356	<b>SWIMS Station Name</b> BARABOO RIVER AT STH 113		
<b>Field Sample ID (retrieval date)</b> 20180823-57-02	<b>Basin (WMU)</b> LOWER WISCONSIN	<b>Watershed Name</b> LOWER BARABOO RIVER	<b>County</b> SAUK
<b>Project Name</b> LARGE RIVER MACROINVERTEBRATE SAMPLING			
<b>Latitude</b> 43.4586161	<b>Longitude</b> -89.7148236	<b>Determination Method</b>	<b>Datum Used</b>

Site Access Details: 245m downstream of STH 113 boat landing

**Sample and Site Descriptors**

**Sampling Device**

Standard Non-wadeable Hester Dendy      Hester Dendy Area Calculation = Plate Size (cm) \_\_\_\_\_  
 Number of Plates \_\_\_\_\_  
 Other Device: \_\_\_\_\_      Device Area Calculation = Plate Size (cm) \_\_\_\_\_

**Habitat Sampled**

Suspended       River Bed

Snags (no./100m) 3      Avg. size (dbh) 12      Coniferous and/or ~~Deciduous~~ (circle)

Riparian Land Use, Vegetation, and Condition: Forested edge; Ag on south side

**Substrate Composition**

Bedrock \_\_\_\_\_%      Boulder \_\_\_\_\_%      Cobble \_\_\_\_\_%      Gravel 100%  
 Sand \_\_\_\_\_%      Silt \_\_\_\_\_%      Clay \_\_\_\_\_%      Muck \_\_\_\_\_%  
 Aquatic Macrophytes \_\_\_\_\_%      CWD \_\_\_\_\_%      Other ( \_\_\_\_\_ ): \_\_\_\_\_%

**Field Measurements**

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	07/10/2018	08/23/2018	44
Time:	12:15	11:29	
Personnel:	JA/KL	JA/KL	
Water Depth at Location (m):	1.1	1.4	
Sampler Height Above Substrate (m):	0.2		
Bank Placement: R L	Left (Upstream)		
Distance From Bank:	7m		
Water Temp (C):	24.9	19.8	
Water Color (clear, turbid, stained):	Turbid	Turbid	
D.O. (mg/L):	10.7 / 129.1%	7.90 / 86.6%	
pH:	8.55	7.97	
Conductivity:	375	318	
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):	0.3	0.18	

# Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

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Draw Map:

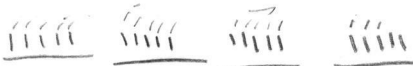
C2: 13	} 120	H3:	} 386	E7
D5: 24		I8		A8
B7: 25		B4		C4
G6: 21		G1		I1
I5: 13		J7		G4
H6: 24	B8	K7		
	F8			
	A7			
	A2			
	J4			
	K5			
	G5			
	I3			
	C8			
	J6			
	F8			
	E4			
	K1			

SO6 Specs

Ethanol replaced the second day?      Yes      No  
 Label on inside of jar?                      Yes      No  
 Label on outside of jar?                      Yes      No

120% 120  
 110% 24

Additional Notes:

20  


For Lab Use Only		
Sample Sorter Kiersten Czarnecki	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 25%
Date Processed 10/01/2019	Specimens Saved Subsample archived in ABL until Dec 2022	

C2: 13    D5: 24    I5: 13    > 120%  
 B7: 25    G6: 21    H6: 24    SO6 Specs

25  
 19

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Paragnetina medra	L	1	1	Hils 1995			N
Pteronarcys	L	1	1	"	imm		
Ephemeroptera	L	1	1	"	imm	N	
Baetidae	L	1	1	Klob 2016	imm		
Heptageniidae	L	xi	11	"	dev/imm	N	
Heptagenia	L	1	1	"	imm		
Maccaffertium	L	88-xiii	94	"	imm	N	
M. exiguum	L	1	1	"			
Isonychia	L	8-u	37	"	imm	N	
I. rufa	L	1	6	"			
Tricorythodes	L	1	1	"			
Brachycentrus numerosus	L	1	1	Hils 1985			
Hydropsychidae	L	xviii	15	Hils 1995	imm	N	
Cheumatopsyche	L	8x	50	"		N	
Cheumatopsyche	P	iii	4	Ruther 1985			
Ceratopsyche	L	1	5	Hils 1995	imm	N	
C. monsa bifida form	L	1	5	Schm Hils 1986			
Hydropsyche	L	iiii	4	Hils 1995	imm	N	
Hydropsyche	P	ii	2	Ruther 1985		N	
H. arinale	L	ii	2	Schm Hils 1986			
Hydroptila	L	ii	2	Hils 1995			
Maya trichia	L	1	1	Wigg 1996			
Philopotamidae	L	ii	2	Hils 1995	imm	N	
Chimarra obscura	L	iii	3	Hils 1982			
Neureclipsis	L	ii	2	Hils 1995		N	
Neureclipsis	P	1	1	"			
Macronychus glabratus	A	iiii	4	Hils Schm 1992			
Stenelmis crenata	A	ic	2	"			
S. grossa	A	xii	12	"			
Atherix variegata	L	1	1	Hils 1995			
Nemerodromia	L	1	5	cont Merr 2008			
Simulium	L	ii	2	Adler et al 2004	imm	N	
S. luggeri	L	1	1	"			
Simulium <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">S. luggeri</span>	P	1	1	"		N	
Caecidotea	A	1	1	Will 1972	imm		
Spercheonopsis	A	iii	3	Pluch 1984			
Dugesiiidae	A	B-1	46	Thorp Res 2016			
Naididae	A	iii	3	Braunfeld 1991			
<del>Split A3 Chironomidae</del>	L	x-xx					



