

1179921-44-04

Station Summary

Waterbody Name <i>WISCONSIN RIVER</i>	WBIC <i>1179900</i>	Field Seq no. generated by SWIMS <i>149841369</i>
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SWIMS Station ID <i>10049292</i>	SWIMS Station Name <i>WISCONSIN R APP. 7.5 MILES DS FROM HAT RAPIDS DAM</i>
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Field Sample ID (retrieval date) <i>9/21/17</i>	Basin (WMU) <i>UPPER WISCONSIN</i>	Watershed Name <i>NOISY AND PINE CREEKS</i>	County <i>ONEIDA</i>
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Project Name: *RELATIONSHIP BETWEEN MIBI SCORES AND DISTANCE DOWNSTREAM FROM DAMS*

Latitude <i>45.53907</i>	Longitude <i>-89.56335</i>	Determination Method <i>L265 GPS</i>	Datum Used <i>WGS-84</i>
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Site Access Details: *WILDS HIKE-IN TRAIL FROM PARKING LOT AT END OF Rollicks Rd*

Sample and Site Descriptors

Sampling Device

Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) *7.62 cm<sup>2</sup>*  
 Number of Plates *8*  
 Other Device: \_\_\_\_\_ Device Area Calculation = Plate Size (cm) \_\_\_\_\_

Habitat Sampled

Suspended  River Bed

Snags (no./100m) *0* Avg. size (dbh) \_\_\_\_\_ Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: *Wild getting forested*

Substrate Composition

Bedrock \_\_\_\_\_ % Boulder \_\_\_\_\_ % Cobble *40* % Gravel *60* %  
 Sand \_\_\_\_\_ % Silt \_\_\_\_\_ % Clay \_\_\_\_\_ % Muck \_\_\_\_\_ %  
 Aquatic Macrophytes \_\_\_\_\_ % CWD \_\_\_\_\_ % Other ( \_\_\_\_\_ ): \_\_\_\_\_ %

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	<i>8/9/17</i>	<i>9/21/17</i>	<i>43</i>
Time:		<i>11:55</i>	
Personnel:	<i>Klosiewski, Kleist</i>	<i>same + Schmitz</i>	
Water Depth at Location (m):	<i>0.7</i>	<i>1.0</i>	
Sampler Height Above Substrate (m):	<i>0.2</i>	<i>0.2</i>	
Bank Placement: R L	<i>Mid</i>	<i>same</i>	
Distance From Bank:	<i>30 m</i>	<i>same</i>	
Water Temp (C):	<i>22.3</i>	<i>19.1</i>	
Water Color (clear, turbid, stained):	<i>stained</i>	<i>same</i>	
D.O. (mg/L):	<i>8.8</i>	<i>8.7</i>	
pH:	<i>6.6</i>	<i>7.5</i>	
Conductivity:	<i>88</i>	<i>97</i>	
Transparency Tube (cm):	<i>&gt;120</i>	<i>&gt;120</i>	
Turbidity (NTUs):	<i>0.45</i>		
Water Velocity (m/s):	<i>0.15</i>	<i>0.2</i>	

*44  
37  
2.54*

100-111-1500105

# Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

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Draw Map:

[Empty box for drawing a map]

Ethanol replaced the second day?

Yes  No

Label on inside of jar?

Yes  No

Label on outside of jar?

Yes  No

Additional Notes:

[Empty lines for additional notes]

### For Lab Use Only

Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>100</i>
Date Processed <i>11/1/17</i>	Specimens Saved <i>Subsample archived in ABL until Jan 2021</i>	

51 ~~34~~ Squares - 94 + 37 + 40 + 9 = ~~180~~ <sup>count</sup> 192

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R? Y/N
Plecoptera	L	1	1	Hilsenhoff 1995	imm	N	
Acronycta	L		4	"	dam/imm	N	
A. abnormis	L	/	5	Hitchcock 1974			
A. internata	L	1	1	"			
A. lycorias	L	21	6	"			
Pteronarcys	L	1	1	Hilsenhoff 1995	imm		
Baetidae	L	1	1	Kubertanz 2016	dam	N	
Baetis intercalaris	L	1	1	"			
Procladius	L	1	1	"	dam		
Heptageniidae	L		2	"	imm	N	
Maccaffertium	L		2	"	imm	N	
M. exiguum	L	1	1	"			
Isoperla	L	1	1	"	imm		
Hydropsychidae	L	1	1	Hilsenhoff 1995	imm	N	
Cheumatopsyche	L		3	"			
Hydropsyche	L		2	"	imm	N	
<del>H. detrita</del> phalerata	L		2	Schm., Hils. 1986			
Ceratomyza macosa bifida form	L		2	"			
Psychomyia flavida	L	x	10	Hilsenhoff 1995			
Macronychus glabratus	A	1	1	Hils., Schm. 1992			
Lumbriculidae	A	1	1	Born, Geld. 1991	frag		
Nemertea	A		2	Kolasa 1991			
<del>Salif A3 Chironomidae</del>	L	<del>    </del>					
Rheocricotopus	P		2	Ferr. et al 2008			
Thienemannella	P	1	1	"			
Tanypodinae 08270000	L	1	1	Cranston 2013	imm	N	
Conchapelopia	L	1	1	Cran., Epler 2013			
Labrundinia	L		2	"			
Nilotanytus	L		4	"			
Ablabesmyia	L		3	"	imm	N	
A. (Ablabesmyia)	L	1	1	"	imm		
Thienemannimyia group	L	x	12	"	wt/frag	N	
Orthocladiinae 08300000	L	1	1	Cranston 2013	imm	N	
Brillia flavifrons	L	1	1	Epler 2001			
Parakiefferiella	L		2	Anderson 2013			
Synorthocladius	L		2	"			
Thienemannella	L	1	1	"	dam	N	
Tvetenia discoloripes group	L	1	1	Bode 1983			

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
<i>Nanocladius</i>	L	III	3	Ande + 3 2013	imm	N	
N. ( <i>Nanocladius</i> )	L	II	2	"	<del>imm</del>	N	
N. ( <i>N.</i> ) <i>minus</i>	L	I	1	Epler 2001			
N. ( <i>N.</i> ) <i>spiniferus</i>	L	I	5	"			
N. ( <i>N.</i> ) <i>classicus</i> / cf. <i>rectinervis</i>	L	I	1	"			
N. ( <i>Plecoptera</i> ) <i>pithus</i>	L	I	1	Ande + 3 2013			
<i>Orthocladius</i> ( <i>Orthocladius</i> )	L	D-III	2B	"			
<i>Cricotopus</i> / <i>Orthocladius</i>	L	II	7	Err. et al 2008	int. uddt / imm	N	
Chironominae 0833000	L	I	1	Craiston 2013	imm	N	
<i>Cryptochironomus</i>	L	I	1	Epler et al 2013			
<i>Pedicia</i> <i>frugis</i>	L	I	1	Bolton 2012			
<i>Polypectum</i> ( <i>Polypectum</i> ) <i>fallax</i> group	L	II	2	"			
P. ( <i>P.</i> ) <i>illinoense</i> group	L	I	1	"			
P. ( <i>Tropodura</i> ) <i>halterale</i> group	L	I	1	"			
P. ( <i>T.</i> ) <i>scalpulum</i> group	L	I	1	"			
P. ( <i>Pedicia</i> ) <i>flavum</i>	L	-III	B	"			
<i>Zootanytarsus</i>	L	D-III	29	Epler et al 2013			