

20170921-44-03

State of Wisconsin

Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

Page 1 of 2

Station Summary

Waterbody Name WISCONSIN RIVER	WBIC 1179900	Field Seq no. generated by SWIMS 149841357
------------------------------------------	------------------------	------------------------------------------------------

SWIMS Station ID 10049294	SWIMS Station Name WISCONSIN R APP. .34 MILES DS FROM HAT RAPIDS DAM
-------------------------------------	--------------------------------------------------------------------------------

Field Sample ID (retrieval date) 9/21/17	Basin (WMU) UPPER WISCONSIN	Watershed Name NOISY AND PINE CREEKS	County ONEIDA
----------------------------------------------------	---------------------------------------	------------------------------------------------	-------------------------

Project Name RELATIONSHIP BETWEEN MIBI SCORES AND DISTANCE DOWNSTREAM FROM DAMS

Latitude 45.56678	Longitude -89.47933	Determination Method GPS	Datum Used WGS-84
-----------------------------	-------------------------------	------------------------------------	-----------------------------

Site Access Details: Remote wild setting
Hat Rapids Rd - west side

Sample and Site Descriptors

Sampling Device

Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) 7162 cm²
 Number of Plates 8

Other Device: _____ Device Area Calculation = Plate Size (cm) _____

Habitat Sampled

Suspended River Bed

Snags (no./100m) 6 **Avg. size (dbh)** 18 **Coniferous and/or Deciduous (circle)** Deciduous

Riparian Land Use, Vegetation, and Condition: Remote wild setting

Substrate Composition

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

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	8/9/17	9/21/17	43
Time:	13:00	13:50	
Personnel:	Klosiewski Kleist	same plus Schmitz	
Water Depth at Location (m):	1.7	1.1	
Sampler Height Above Substrate (m):	0.2	0.2	
Bank Placement: R L	R	same	
Distance From Bank:	15 m	same	
Water Temp (C):	21.2	18.7	
Water Color (clear, turbid, stained):	stained	same	
D.O. (mg/L):	6.9	6.2	
pH:	6.8 6.9	7.0	
Conductivity:	88	97	
Transparency Tube (cm):	>120	>120	
Turbidity (NTUs):			
Water Velocity (m/s):	0.15	0.3	

EO-HH-15907095

Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

Page 2 of 2

Draw Map:

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

Additional Notes:

For Lab Use Only		
Sample Sorter Cadie Olson	Taxonomist Dimitri Jeffray	Estimated Percent of Sample Sorted 7.3%
Date Processed 10/31/17	Specimens Saved Subsample archived in ABC until Jan 2021	

B3-199 B32
H3 171 102 = 502

Wisconsin Department of Natural Resources

ABL Sample Num: 20170921-44-03

Taxonomist: Dimick, Jeffrey

Waterbody: Wisconsin River

SWIMS Database Key: 149841357

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R? Y/N
Baetidae	L	I	1	Kluebertanz 2016	dam		
Heptageniidae	L	I	1	"	dam		
Hydropsychidae	L	II	22	Hilsenhoff 1995	dam/imm		
Cheumatopsyche	L	II	46	"			
Hydropsyche	L	I	1	"	imm	N	
H. orris	L	II	2	Schm., Hils. 1986			
Ceratopsyche	L	III	33	Hilsenhoff 1995	imm	N	
C. alternans	L	III	43	Schm., Hils. 1986			
C. imposita bifida group	L	III	32	"			
Chimarra obscura	L	I	1	Hilsenhoff 1992			
Nemerodromia	L	I	1	Cent. Merr. 2008			
Simulium	L	I	1	Adler et al 2004	imm	N	
S. jenningsi species group	L	III	3	"	imm		
Salit Az Chironomidae	L	III-III					
Polypodilum (Dresipodilum) flavum	L	II	86	Bolton 2012			
Rhyacotritans	L	III-III	199	Epler et al 2013			
Tanyptarinae 0827000	L	I	1	Cranston 2013	imm	N	
Conchoplesia	L	I	1	Cran. Epler 2013			
Thremmannimyia group	L	III	3	"	not ident/imm	N	
Orthocladiinae 0830000	L	II	2	Cranston 2013	imm	N	
Tretania discoloripes group	L	II	31	Bode 1983			
Nanocladius	L	I	1	Anderson 2013	imm		
Chironominae 0833000	L	II	2	Cranston 2013	imm	N	
Phaenosectra flavipes	L	I	1	Bolton 2012			
Polypodilum	L	I	1	Epler et al 2013	not ident	N	
P. (Polypodilum) Fallax group	L	I	1	Bolton 2012			