

20170921-35-01

Station Summary

Waterbody Name WISCONSIN RIVER	WBIC 1179900	Field Seq no. generated by SWIMS 149841377
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SWIMS Station ID 10019026	SWIMS Station Name WISCONSIN RIVER -- ACCESS OFF CAMP 10 RD TOWN OF HARRISON
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Field Sample ID (retrieval date) 9/21/17	Basin (WMU) UPPER WISCONSIN	Watershed Name NOISY AND PINE CREEKS	County LINCOLN
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Project Name RELATIONSHIP BETWEEN MIBI SCORES AND DISTANCE DOWNSTREAM FROM DAMS

Latitude 45.549477	Longitude -89.496956	Determination Method GPS	Datum Used WGS-84
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Site Access Details: Boat landing on Camp 10 Rd

Sample and Site Descriptors

Sampling Device

- Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) 7.62 cm²
 Number of Plates 8
 Other Device: _____ Device Area Calculation = Plate Size (cm) _____

Habitat Sampled

- Suspended River Bed

Snags (no./100m) 9 Avg. size (dbh) 15" Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: Wild setting wooded

Substrate Composition

Bedrock _____ % Boulder 10 % Cobble 70 % Gravel 20 %
 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:	14:00	14:00	
Personnel:	Klosiewski, Kleist	Same + Schmitz	
Water Depth at Location (m):	0.5	0.8	
Sampler Height Above Substrate (m):	0.2	0.2	
Bank Placement: R L	Mid channel	Same	
Distance From Bank:	40 m	Same	
Water Temp (C):	22.1	19.4	
Water Color (clear, turbid, stained):	stained	same	
D.O. (mg/L):	7.7	6.84	
pH:	6.6	7.08	
Conductivity:	89	98	
Transparency Tube (cm):	>120	>120	
Turbidity (NTUs):			
Water Velocity (m/s):	0.2	0.4	

10-28-158-018

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 <i>Shawn Magliocco</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>6.3%</i>
Date Processed <i>10/28/17</i>	Specimens Saved <i>Subsample archived in HSC until Jan 2021</i>	

AS	100	114
	100	49
63	90	517
	67	

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R? Y/N
Perlidae	L	1	1	Hilsenhoff 1985	imm		
Baetis intercalaris	L	1	1	Kluber et al 2016			
B. flavistriga species complex	L	1	1	"			
Baetidae	L	1	1	"	dam	N	
Heterocloen curiosum	L	1	1	"			
Maccaffertium	L		5	"	imm	N	
M. exiguum	L		2	"			
Isonychia	L	-X	7	"	imm		
Hydropsychidae	L	-	9	Hilsenhoff 1985	imm	N	
Cheumatopsyche	L	X	15	"			
Ceratopsyche	L	X	19	"	imm	N	
C. alternans	L	X1	11	Schm. et al. 1986			
C. morosa morosa form	L	1	1	"			
Neureclipsis	L	1	1	Hilsenhoff 1985	imm		
Heptageniidae	L		2	Kluber et al 2016	imm	N	
Simulium	L	1	1	Alder et al 2013	imm	N	
Simulium	P	X	12	"	imm	N	
S. jenningsi species group	L	-	8	"			
Spitz Chironomidae	L	 					
Cardiocladius	P	1	1	Ferr. et al. 2008		N	
Tanyptera 08270000	L	1	1	Crawston 2013	imm	N	
Rheopelopia	L	1	1	Craw. Epler 2013			
Thienemannimyia group	L	X	13	"	imm	N	
Orthocladiinae 08300000	L	-	7	Crawston 2013	imm	n=1, Y	
Cardiocladius obscurus	L		2	Epler 2001			
Thienemanniella	L	1	1	Alder et al 2013	imm		
Tritania discoloripes group	L	8-	47	Isode 1983			
Nanocladius	L	1	1	Alder et al 2013	imm	N	
N. (Nanocladius) distinctus	L	1	1	Epler 2001			
Orthocladius (Euaorthocladius) nivicola	L	1	1	"			
Cricotopus (Cricotopus) bicinctus group	L		2	Alder et al 2013			
Chironominae 08330000	L	-	5	Crawston 2013	imm	N	
Polypedilum (Uresipedilum) flavum	L	X	10	Bolton 2012			
Procladius	L		296	Epler et al 2013			