

Station Summary

Waterbody Name WISCONSIN RIVER	WBIC 1179900	Field Seq no. generated by SWIMS 131113845
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SWIMS Station ID 353068	SWIMS Station Name WISCONSIN RIVER - BELOW MERRILL DAM		
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Field Sample ID (retrieval date) 20160919-35-01	Basin (WMU) CENTRAL WISCONSIN	Watershed Name PINE CREEK	County LINCOLN
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Project Name LARGE RIVER MACROINVERTEBRATE SAMPLING

Latitude 45.1782263	Longitude -89.6861027	Determination Method	Datum Used
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Site Access Details: *Sampler was deployed DS off of Riverside Park.*

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) _____ Avg. size (dbh) _____ Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: *Tree lined river bank w/ mowed parkland beyond bank.*

Substrate Composition

Bedrock _____ % Boulder _____ % Cobble 40 % Gravel 55 %
 Sand 5 % Silt _____ % Clay _____ % Muck _____ %
 Aquatic Macrophytes _____ % CWD _____ % Other (_____): _____ %

Field Measurements

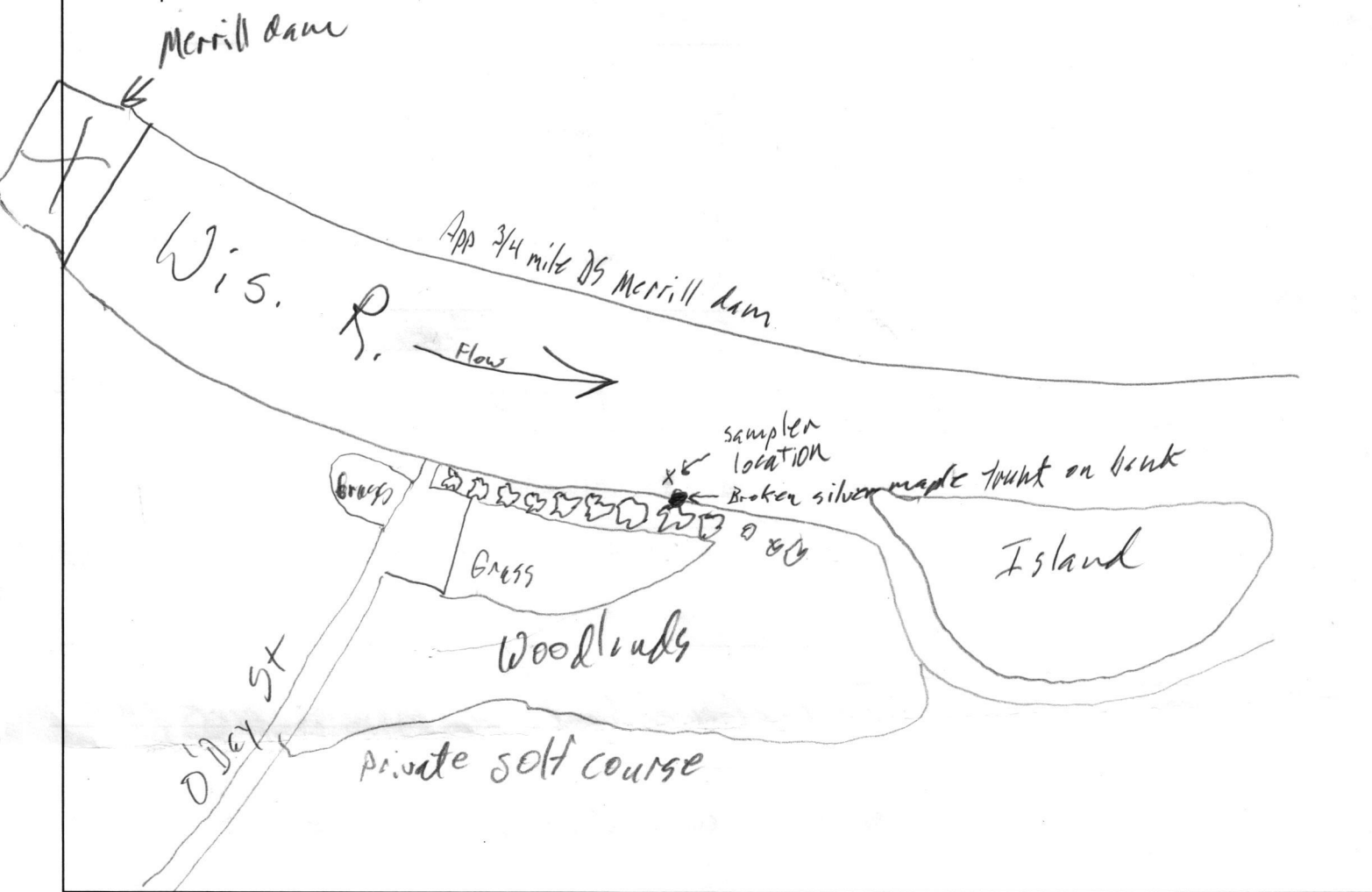
	Deployment	Retrieval	Total Colonization Time (Days)
Date:	<i>7/28/16</i>	<i>9/19/16</i>	
Time:	<i>13:55</i>	<i>16:11</i>	
Personnel:	<i>Jim Klosiewski / Mark Hazuga</i>	<i>Jim Klosiewski / Jon Kleist</i>	
Water Depth at Location (m):	<i>1.3</i>	<i>0.7</i>	
Sampler Height Above Substrate (m):	<i>Height of block</i>	<i>-</i>	
Bank Placement: R <input type="radio"/> D <input checked="" type="radio"/>	<i>looking upstream</i>		
Distance From Bank:	<i>7-9 m</i>		
Water Temp (C):	<i>24.1</i>	<i>19.7</i>	
Water Color (clear, turbid, stained):	<i>stained</i>	<i>"</i>	
D.O. (mg/L):	<i>7.77 / 92.5%</i>	<i>8.49 / 92.7</i>	
pH:	<i>7.52</i>	<i>7.39</i>	
Conductivity: <i>sp. cond.</i>	<i>98</i>	<i>86.3</i>	
Transparency Tube (cm):		<i>84</i>	
Turbidity (NTUs):			
Water Velocity (m/s):	<i>0.5</i>	<i>0.3</i>	

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:

Sampler deployed DS from Riverside Park boat landing. Placed under
large silver maple limb + overhanging branches. Broken silver maple trunk
on bank app. 1.2 m. DS.

For Lab Use Only

Sample Sorter <i>Macayla Creecher</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted 67
Date Processed 5/3/17	Specimens Saved Subsample archived in ABC until Nov 2020	

64 49 L5+65-23 A4-B4-42 AS 45 } 19% A7-D4 L5-56 E3-A4-62
 B3-36-F3 46+~~47~~ E6-37 FB 48 H5 34 } 221 AB-L1(S)-25 S-63 501
 410 J-90

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R? Y/N
Acronyria	L	I	1	Hilsenhoff 1995			N
Paragnetina media	L	III	4	"			
Baetidae	L	I	1	Klubertanz 2016	dam	N	
Baetis intercalaris	L	I	1	"			
Ephemeroptera	L	II	2	Hilsenhoff 1995	dam/imm	N	
Heptageniidae	L	OIII	24	Klubertanz 2016	dam/imm	N	
Leucrocuta	L	II	2	"			
Maccaffertium	L	8-1	46	"	imm	Y	
M. vicarium	L	I	1	"			
Isonychia	L	8-1	36	"	imm	N	
I. rufa	L	III	3	"			
Hydropsychidae	L	OII	22	Hilsenhoff 1995	imm	N	
Chematopsyche	L	8III	43	"			
Hydropsyche scalaris	L	II	2	Schm. Hils 1986			
Macrostemum zebraatum	L	-III	9	Hilsenhoff 1995			
Ceratopsyche	L	8-III	39	"	imm	N	
C. alternans	L	I	1	Schm. Hils. 1986			
C. morosa morosa form	L	I	1	"			
C. walkeri	L	8-	45	"			
Chimarra obscura	L	OIII	24	Hilsenhoff 1995			
Atherix variegata	L	I	1	Hilsenhoff 1995			
Nemerochromia	L	I	1	Coat. Merr. 2008			
Simulium	L	II	2	Jeter et al 2004	imm	N	
S. venustum Species Complex	L	I	1				
S. jenningsi Species Group	L	8	40				
Naididae	A	III	3	Brady, G. K. 1991		Y	N
Stylaria fossularis	A	I	1	Klemm 1985			
Ferrissia rivularis	A	II	2	Burch 1982			
Laevapex fuscus	A	I	1	"			
Split A3 Chironomidae	L	III	16				
Nanocladius (Nanocladius)	P	II	2	Ferr. et al 2008			N
Rheotanytarsus	P	I	1	"			
Chironomidae	L	I	1	Coat. Merr. 2008	dam	N	
Nilotanyptus	L	I	1	Coat. Merr. 2008			
Orthocladinae 08300000	L	III	3	Cronston 2013	mit. indet	N	
Eukiefferiella crucei group	L	I	1	Ande. + 3 2013			
Parakiefferiella	L	I	1	"			
Thienemannella	L	-	5	"	dam/imm	N	

