

Station Summary

Waterbody Name MILWAUKEE RIVER	WBIC 15000	Field Seq no. generated by SWIMS 255341683
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SWIMS Station ID 10015269	SWIMS Station Name MILWAUKEE RIVER UPSTREAM OF BROWN DEER ROAD		
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Field Sample ID (retrieval date) 20200915-4/1-01	Basin (WMU) MILWAUKEE RIVER	Watershed Name MILWAUKEE RIVER SOUTH	County MILWAUKEE
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Project Name LARGE RIVERS MONITORING

Latitude 43.17834 (43.17982)	Longitude -87.95529 (-87.95481)	Determination Method (GPS)	Datum Used NAD 83
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Site Access Details: ~150 m vs Brown Deer Road, (R) bank, off log on main channel side of island @ vs tip of island.

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 off snag

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

Riparian Land Use, Vegetation, and Condition: Medium development

Substrate Composition

Bedrock _____ % **Boulder** _____ % **Cobble** 10 % **Gravel** 40 %
Sand 40 % **Silt** 10 % **Clay** _____ % **Muck** _____ %
Aquatic Macrophytes _____ % **CWD** _____ % **Other (_____):** _____ %

Field Measurements

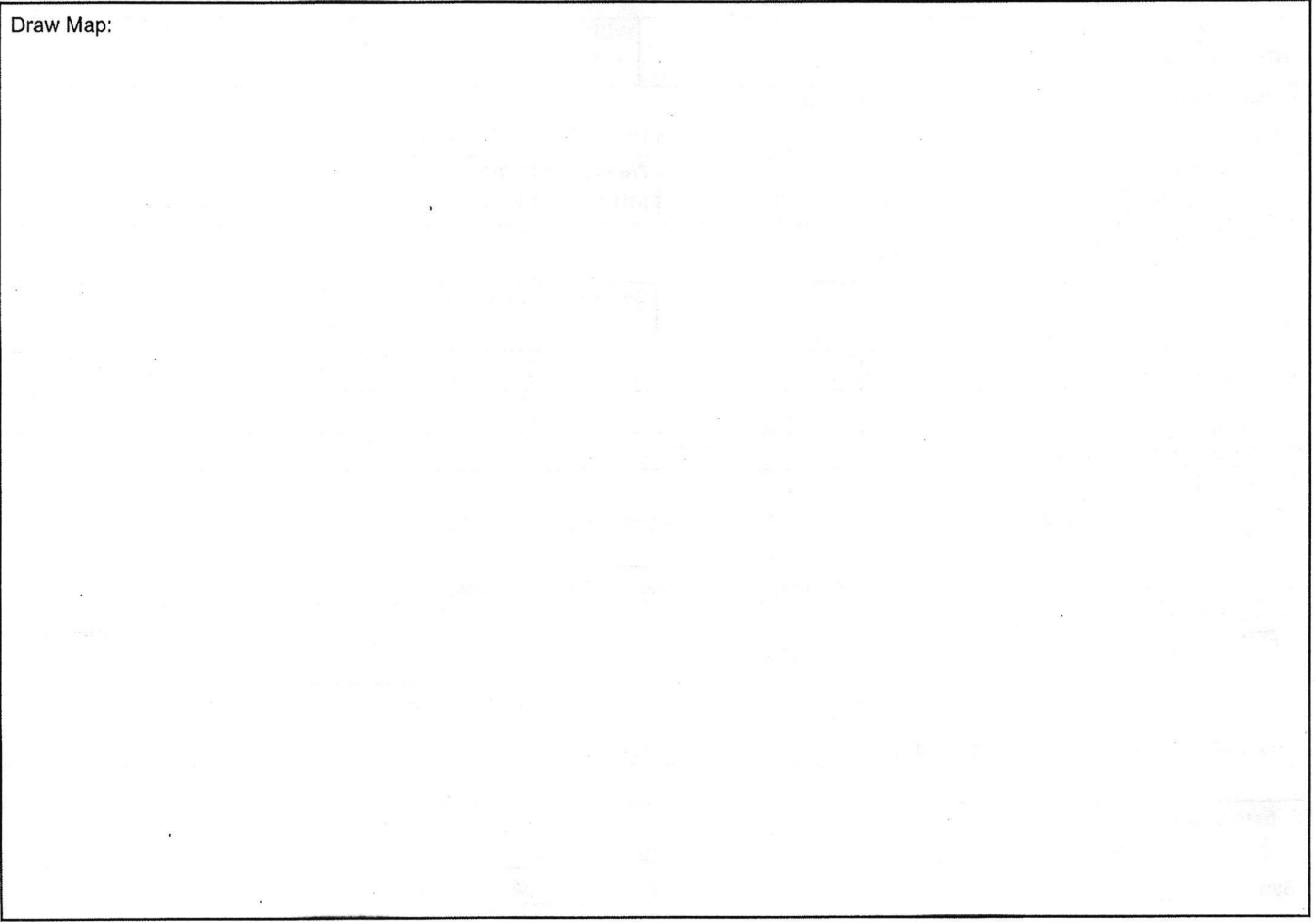
	Deployment	Retrieval	Total Colonization Time (Days)
Date:	20200727	20200915	51
Time:	1400	1400	
Personnel:	Heller, Watkinson	Heller, Saker	
Water Depth at Location (m):	1.5	1.5	
Sampler Height Above Substrate (m):	.5	.5	
Bank Placement: (R) L			
Distance From Bank:	2	2	
Water Temp (C):			
Water Color (clear, turbid, stained):	Clear	Clear	
D.O. (mg/L):			
pH:			
Conductivity:			
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):			

Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

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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:

Deployment location in (). Different than main swims point.

For Lab Use Only

Sample Sorter	Rachael Valeria	Taxonomist	Derrick Jeffrey	Estimated Percent of Sample Sorted	100 %
Date Processed	10/13/2021	Specimens Saved	Subsample archived in ABC until Nov 2024		

F4 A6 Grid 2 Grid 4 Grid 4 Grid 3
 8 7 78 150 129 101

473

Grid 1	Grid 2
Grid 3	Grid 4

River Macroinvertebrate IBI Sampling Notes

River: Milwaukee River Station: Milwaukee River US of Brown Deer Road

Sample ID (YYMMDD-CC-FF): 20200915-41-01 SWIMS no.: 10015269

Deployment: Date: 20200727 Personnel: Craig Helker, Arthur Watkinson

Retrieval: Date: 20200915 Personnel: Craig Helker, Rachel Sabro

Lat: 43.17982 Long: -87.95481 Deployment : riverbed snag

Time: 1400 Temp. _____ °C D.O. _____ Cond _____

Secchi _____ mm Turbidity _____ ntu Water Velocity: _____ m/s²

Sampler location & deployment notes: Bank: (R) L. Dist. from bank 2 m

~150 m US Brown Deer Road. (R) bank, off log on main channel side of island e us tip of island.

Habitat:

Substrate %: boulder _____, cobble 10, gravel 40, sand 40, silt 10, clay _____.

Snags: no. / 100m _____, Avg. size _____ dbh. Deciduous Coniferous

Riparian land use, vegetation, and condition Medium development

Water depth at sampler location: At deployment 1.5 m. At retrieval 1.5 m.

Sampler height above substrate -5 m.

Retrieval notes: None

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Caenis	L	I	1	MCB 2019	dam	N	N
C. anops	L	I	1	Kleb 2016			
C. hilaris	L	II	2	"			
Heptageniidae	L	III	5	MCB 2019	dam/imm	N	
Macaetertium	L	X/I	16	Kleb 2016	imm		
Stenacron	L	III -II 57	3	MCB 2019	imm	N	
S. interpunctatum	L	III	4	Kleb 2016			
Tricorythodes	L	III	5	MCB 2019			
Anthopotamus	L	I	1	"	imm		
Argia	L	-IV	9	"	caulimn	N	
A. apicalis	L	II	2	West May 2006			
A. maesta	L	II	2	"			
Coenagrionidae	L	I	1	MCB 2019	imm	N	
Ceratopsyche marosa bifida form	L	II	2	Schm Hils 1986			
Cheumatopsyche	L	X/III	15	MCB 2019			
Hydropsyche	L	III	3	Hils 1985	imm		
Limnephilidae	P	III	3	MCB 2019			
Philopotamidae	L	II	2	"	imm	N	
Chimarra	L	II	2	"	imm	N	
C. obscura	L	III	26	Hils 1982			
Polycentropodidae	L	I	1	MCB 2019	imm	N	
Neureclipsis	L	II	2	"			
Plectrocnemia	L	III	3	"			
Baetidae	L	I	1	"	imm		
Macromphus glabratus L. 7 A. 25	LA	III	32	Hils Schm 1982			
Stenelmis crenata	A	III	4	"			
Dubiraphia	L	II	2	MCB 2019			
Corynoneura	P	I	1	"			
Hyalella	A	I	1	Thorp/Dog 2016	imm		
Caecidotea	A	I	1	"	Pen		
Dugesiiidae	A	II	2	"			
Physa	A	III	3	"			
Pleuroceridae	A	X/I	15	"			
Nemeroctena	L	II	2	MCB 2019			
Stenelmis	L	I	1	"		N	↓
Split Aza Chironomidae	L	IX	↓				
Split Azb Chironomidae	L	IX	↓				
Split Aze Chironomidae	L	IX	↓				
Split Azd Chironomidae	L	IX	↓				

