State of Wisconsin
Department of Natural Resources

Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

Station Summary

Waterbody Name	WBIC	Field Seq no. generated by SWIMS
MANITOWISH RIVER	2324400	279685843

SWIMS Station ID	SWIMS Station Name
263147	MANITOWISH RIVER - 51 WAYSIDE PK

Field Sample ID (retrieval date)	Basin (WMU)	Watershed Name	County
20210908-26-01	UPPER CHIPPEWA	MANITOWISH RIVER	IRON

Project Name LARGE RIVER MACROINVERTEBRATE SAMPLING

Latitude	Longitude	Determination Method	Datum Used
~~46.140194~~ 46.14019	~~-89.960686~~ -89.96072	eLT Location, 24K Hydro	WTM83/91

Site Access Details: _____

Sample and Site Descriptors

Sampling Device

[X] 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 [X] River Bed

Snags (no./100m) 1 Avg. size (dbh) .4m Coniferous and/or (Deciduous) (circle)

Riparian Land Use, Vegetation, and Condition: wooded / cutting

Substrate Composition

Bedrock ____ %	Boulder ____ %	Cobble 60 %	Gravel 20 %
Sand ____ %	Silt ____ %	Clay ____ %	Muck ____ %
Aquatic Macrophytes ____ %	CWD ____ %	Other (~~Bedrock~~ wood): 20 %	

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7-27-21	9-8 21	42
Time:	17:10	15:25	
Personnel:	J.Klist / T.Martin	Klist / Martin	
Water Depth at Location (m):	0.8	0.8	
Sampler Height Above Substrate (m):	0.2	0.2	
Bank Placement: (R) L			
Distance From Bank:	5 meters		
Water Temp (C):	26.5	19.1	
Water Color (clear, turbid, stained):	Clear	clear	
D.O. (mg/L):	8.8 109.0%	9.3 102.0%	
pH:	7.8	7.4	
Conductivity:	96	96	
Transparency Tube (cm):	>120.00	>120.00	
Turbidity (NTUs):			
Water Velocity (m/s):	0.25	0.2	

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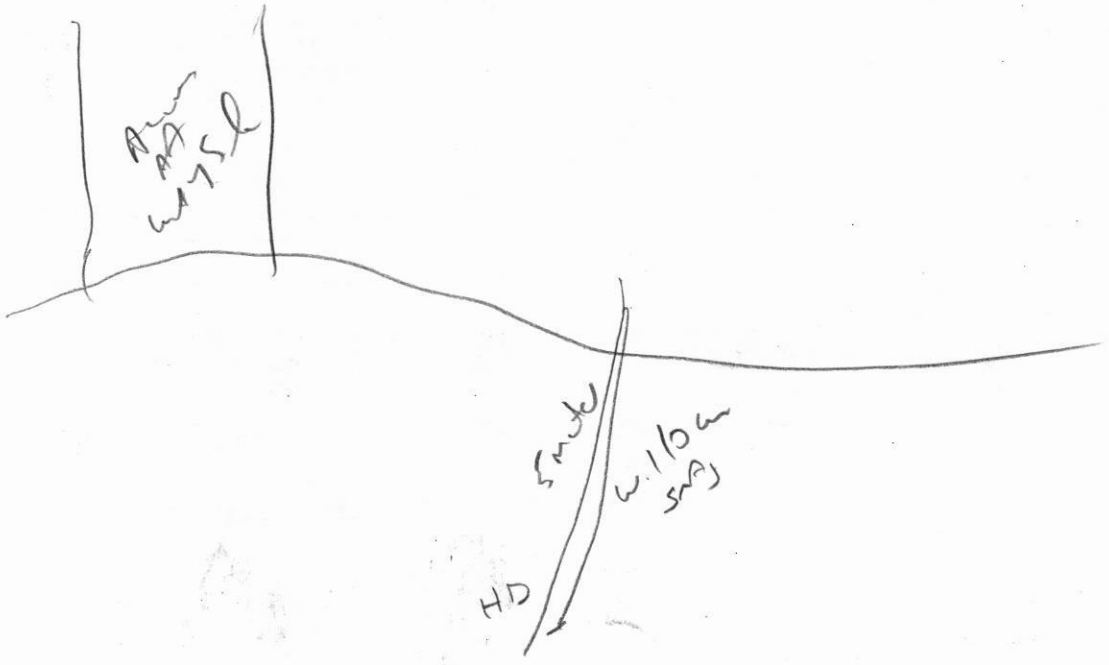
Draw Map:



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

Additional Notes:

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Reed, Kayla	Dimick, Jeffrey	65.6%
Date Processed	**Specimens Saved**	
9/13/2022	Subsample archived 502 in ABL until Nov 2025	

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H7	B6	D1	D4	B2+G2+D8	32 → A1+A4+A5+A7+B1+B3+B5+B7+C2+C3+C4+C6+C7+D2+D5+D7+E1+E2+E5+E8+F2+F3+F6+F7+G1+G4+G6+G7+H2+H3+H5+H8	2→5+G3	1→8+	F1	G8	D6	F8	H1	1214
12	12	12	22	27	77+80+150+60	25	25						Crab 43 red 38

Wisconsin Department of Natural Resources
ABL SampleNum: **20210908-26-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Manitowish River**
SWIMS Database Key: **279685843**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Baetidae	L	I	1	MCB 2019	dam	N	N
Acerpenna pygmaea	L	III	3	Klub 2016			
Baetis intercalaris	L	II	2	"			
Labiobaetis propinquus	L	I	1	"			
Ephemerellidae	L	I	1	MCB 2019	imm	N	
Eurylophella	L	88x1111	95	"	imm		
Heptageniidae	L	8-1111	49	"	dam/imm	N	
Maccaffertium	L	888-1	126	Klub 2016	dam/imm	N	
M. exiguum	L	I	1	"			
M. mediopunctatum	L	XIII	13	"			
M. vicarium	L	X	10	"			
Stenacron	L	-1	6	MCB 2019	imm		
Isonychia	L	I	1	"	imm		
Tricorythodes	L	I	1	"			
Hydropsychidae	L	-1111	11	"	imm	N	
Trichoptera	L	I	1	"	imm	N	
Cheumatopsyche	L	O	20	"			
Oxyethira	L	III	3	"			
Oecetis	L	I	1	"	imm		
Polycentropodidae	L	-1	6	"	dam/imm	N	
Holocentropus	L	-111	8	"			
Neureclipsis	L	8	30	"			
Nyctiophylax	L	II	2	"			
Plectrocnemia	L	I	1	"			
Plecoptera	L	I	1	"	imm		
Macronychus glabratus	A	I	1	Hils 1995			
Hyalella	A	I	1	Thorp Rog 2016	imm		
Dugesiidae	A	III	3	"			
Gyraulus	A	I	1	"	imm		
Batracobdella phalera	A	I	1	Klemm 1985			
Chironomidae	P	I	1	MCB 2019	dam	N	
~~Split Za Chironomidae~~	~~L~~	~~8x JD~~					
~~Split 1/4 Chironomidae~~	~~L~~	~~8 xx JD~~					
~~Split Za Worm~~	~~A~~	~~+ JD~~					
Labrundinia pilosella	L	XX	20	Bolton 2012			N
Corynoneura	L	X-1111	19	And et al 2013			
Thienemanniella	L	IIII	4	"	mt indet/imm dam	N	
Rheotanytarsus	L	-1111	9	"			
Tanypodinae	L	X	10	"	imm	N	

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Conchapelopia	L	-III	8	And et al 2013			N
Pentaneura inconspicua	L	-III	8	Bolton 2012			
Thienemanniella group	L	X-I	16	And et al 2013	imm	N	
Orthocladiinae	L	I	1	"	mt indet	N	
Cricotopus (Cricotopus) bicinctus group	L	III	3	"			
Rheocricotopus	L	-I	6	"			
Thienemanniella similis	L	/	5	Bolton 2012			
T. taurocapita	L	II	2	"			
Chironomini	L	/	5	And et al 2013	imm	N	
Microtendipes pedellus group	L	II	2	"			
M. rydalensis group	L	III	4	"			
Polypedilum (Tripodura) scalaenum group	L	III	3	Bolton 2012			
P. (Uresipedilum) flavum	L	III	3	"			
Tanytarsus	L	IIII	4	And et al 2013			V
Nais	A	I	1	Kath Bom 1998	mt indet		N