

Station Summary

Waterbody Name CHIPPEWA RIVER		WBIC 2050000	Field Seq no. generated by SWIMS 279685796
SWIMS Station ID 10031884	SWIMS Station Name CHIPPEWA RIVER AT BOAT LANDING NEAR CTH/H AND STH 40		
Field Sample ID (retrieval date) 20210913-55-01	Basin (WMU) UPPER CHIPPEWA	Watershed Name SOFT MAPLE AND HAY CREEK	County RUSK
Project Name LARGE RIVER MACROINVERTEBRATE SAMPLING			

Latitude 45.581284	Longitude -91.223724	Determination Method eLT Location, 24K Hydro	Datum Used WTM83/91
-----------------------	-------------------------	-------------------------------------------------	------------------------

Site Access Details: Upstream of boat landing ~ 70 m, below large riffle. Out from maple clump on the shoreline, large boulder in front of maple.

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

Riparian Land Use, Vegetation, and Condition: Wooded banks, good condition, minimal erosion

Substrate Composition

Bedrock _____ % Boulder 20 % Cobble 50 % Gravel 30 %
 Sand _____ % Silt _____ % Clay _____ % Muck _____ %
 Aquatic Macrophytes _____ % CWD _____ % Other (_____): _____ %

Field Measurements

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	08/02/21	09/13/21	43
Time:	1300	11:30	
Personnel:	Cunningham	Cunningham, Crum	
Water Depth at Location (m):	0.7 m	0.65 m	
Sampler Height Above Substrate (m):	8"	8"	
Bank Placement: R (L)	Looking upstream	"	
Distance From Bank:	11m	"	
Water Temp (C):	19.2	17.0	
Water Color (clear, turbid, stained):	Stained	Clear	
D.O. (mg/L):	10.3, 115% sat	10.9, 116.3%	
pH:	7.8	8.0	
Conductivity:	123	148	
Transparency Tube (cm):	>120	>120	
Turbidity (NTUs):			
Water Velocity (m/s):	0.4 m/s	0.25 m/s	

Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

Page 2 of 2

Draw Map:

N 45.58192 (14ft)
W -91.22336

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 Undlin, Dylan	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 13.5%
Date Processed 9/14/22	Specimens Saved Subsample 522 archived in ABC vials Nov 2025	

EG	C3	B8	H5	B5	C6	H7	E1	G1	A2	B8	A4	G7	Split A	Split B	QC
44	43	37	18	42			48	44					511	11	Midge: IIII Worm: IIII Pupae: I Stone: II Caddis: II

28

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Ephemeroptera	L	I	1	MCB 2019	dam	N	N
Acentrella	L	I	1	"	imm		
Acerpenna pygmaea	L	III	3	Kleb 2016			
Isaiaea anoka	L	II	2	"			
Placiditus debius	L	III	3	"			
Proclonon rufostriatum	L	I	1	"			
Ephemeralidae	L	-II	7	MCB 2019	imm	N	
Eurylophella	L	I	1	"	imm		
Teloganopsis deficiens	L	III	3	"			
Heptageniidae	L	-III	9	"	dam/imm	N	
Macaeterium	L	xIII	13	Kleb 2016	imm	Y	
M. vicarium	L	III	3	"			
Isonychia	L	I	1	MCB 2019	imm		
Tricorythodes	L	I	1	"			
Leptophlebiidae	L	I	1	"	dam		
Acronuria	L	I	1	"	imm	N	
A. lycarras	L	I	1	Hitch 1974			
Taeniopteryx	L	-I	6	MCB 2019	imm		
Brachycentrus numerosus	L	III	4	Hils 1985			
Micrasema	L	I	1	MCB 2019	imm		
Hydropsychidae	L	-II	7	"	imm	N	
Ceratopsyche macosa	L	8xIII	53	Schm Hils 1986	imm	N	
C.m. bifida form	L	II	2	"			
C.m. macosa form	L	-III	8	"			
Cheumatopsyche	L	x-III	19	MCB 2019			
Hydropsyche	L	x-I	16	Hils 1995	imm	N	
H. scalaris	L	III	3	Schm Hils 1986			
Hydroptilidae	P	III	3	MCB 2019		N	
Hydroptila	L	8-I	36	"			
Lepidostoma	L	I	1	"			
Oecetis	L	-II	7	"	imm		
Chimarra	L	III	4	"	imm		
Polycentropodidae	L	II	2	"	imm	N	
Neureclipsis	L	I	5	"			
Psychomyia flavida	L	III	4	Hils 1995			
Optioservus	L	II	2	MCB 2019	imm		
Orthocladus (Orthocladus)	P	I	1	Wieder 1986		N	
Parakiefferiella	P	I	1	MCB 2019			
Parametropneumus	P	I	1	"			
Rheocricotopus	P	II	2	"		N	✓

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Tritonia	P	I	1	MCB 2019		N	N
Chironomidae	P	II	2	"	dam	N	
Subletia	P	I	1	"		N	
Tanytarsus	P	II	2	"		N	
Bulimulda megasoma	A	III	3	Theop Reg 2016			
Phyza	A	II	2	"			
Ferrissia rivularis	A	III	4	"			
Dugesidae	A	I	1	"			V
Plecoptera	L	III	3	MCB 2019	imm		Y
Cricotopus (Cricotopus) brevicornis group	P	I	1	Wieder 1986		N	N
Spit 12a Chironomidae	L	Ex - JJ					
Spit 12b Chironomidae	L	Ex - JJ					
Spit 12c Chironomidae	L	Ex - JJ					
Spit 12 worm sp/ide	A	Ex - JJ					
Cardiocladius obscurus	L	I	1	Epler 2001			N
Tritonia bavarica group	L	III	6	Bode 1983			
Miotrauma	L	III	4	And et al 2013			
Tanytarsus	L	I	5	"	mt/ind imm	N	
Ablabesmyia (Ablabesmyia) mallochii	L	I	1	Bolton 2012			
Goniatopora	L	-	5	And et al 2013			
Rheopora acra group	L	II	2	Epler 2001			
Thienemannimyia group	L	-III	9	And et al 2013	imm	N	
Pothenomyia gaedii group	L	III	4	"			
P. longimaria group	L	I	1	"			
Orthocladius	L	III	4	"	dam/imm	N	
Cricotopus	L	XI	11	"		N	
C. (Cricotopus) brevicornis group	L	XII	12	"			
C. (C.) tremulus group	L	I	1	"			
Manducius (Plecoptera coluthus)	L	I	1	"	imm		
Orthocladius (Orthocladius)	L	X	10	"			
Rheocricotopus	L	-III	9	"			
Claob tanytarsus	L	I	1	"			
Microtendipes pedellus group	L	0-III	29	"			
M. cydalensis group	L	III	4	"			
Paratanytarsus species B	L	I	1	Hilsenrath 1			
Polypedium (Polypedium) fallax group	L	I	1	Bolton 2012			
P. (Vesipedium) auriceps	L	I	1	"			
P. (V.) flavum	L	III	3	"			
Stempellinella	L	II	2	And et al 2013			V

