

Station Summary

Waterbody Name CHIPPEWA RIVER		WBIC 2050000	Field Seq no. generated by SWIMS 279671744
SWIMS Station ID 583004	SWIMS Station Name CHIPPEWA RIVER AT CTH G		
Field Sample ID (retrieval date) 20210902-58-07-03	Basin (WMU) UPPER CHIPPEWA	Watershed Name WEIRGOR CREEK AND BRUNE1	County SAWYER
Project Name 03 LARGE RIVER MACROINVERTEBRATE SAMPLING			
Latitude 45.7988074	Longitude -91.11696	Determination Method eLT Location, 24K Hydro	Datum Used WTM83/91

Site Access Details: Ojibwa Community Park + walk upstream to block

Sample and Site Descriptors

Sampling Device

Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) _____
Number of Plates 3

Other Device: _____ Device Area Calculation = Plate Size (cm) _____

Habitat Sampled

Suspended River Bed

Snags (no./100m) 5 Avg. size (dbh) 5 Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: Directly behind block is hardwood forest edge, ~20m downstream is a house w/ mowed lawn; Veg: honey-suckle, boxelder, ash, Trembling Aspen, Silver maple, some Sedges

Substrate Composition

Bedrock _____ % Boulder _____ % Cobble 40 % Gravel 30 %
Sand 20 % Silt _____ % Clay _____ % Muck _____ %
Aquatic Macrophytes 10 % CWD _____ % Other (_____): _____ %

Field Measurements

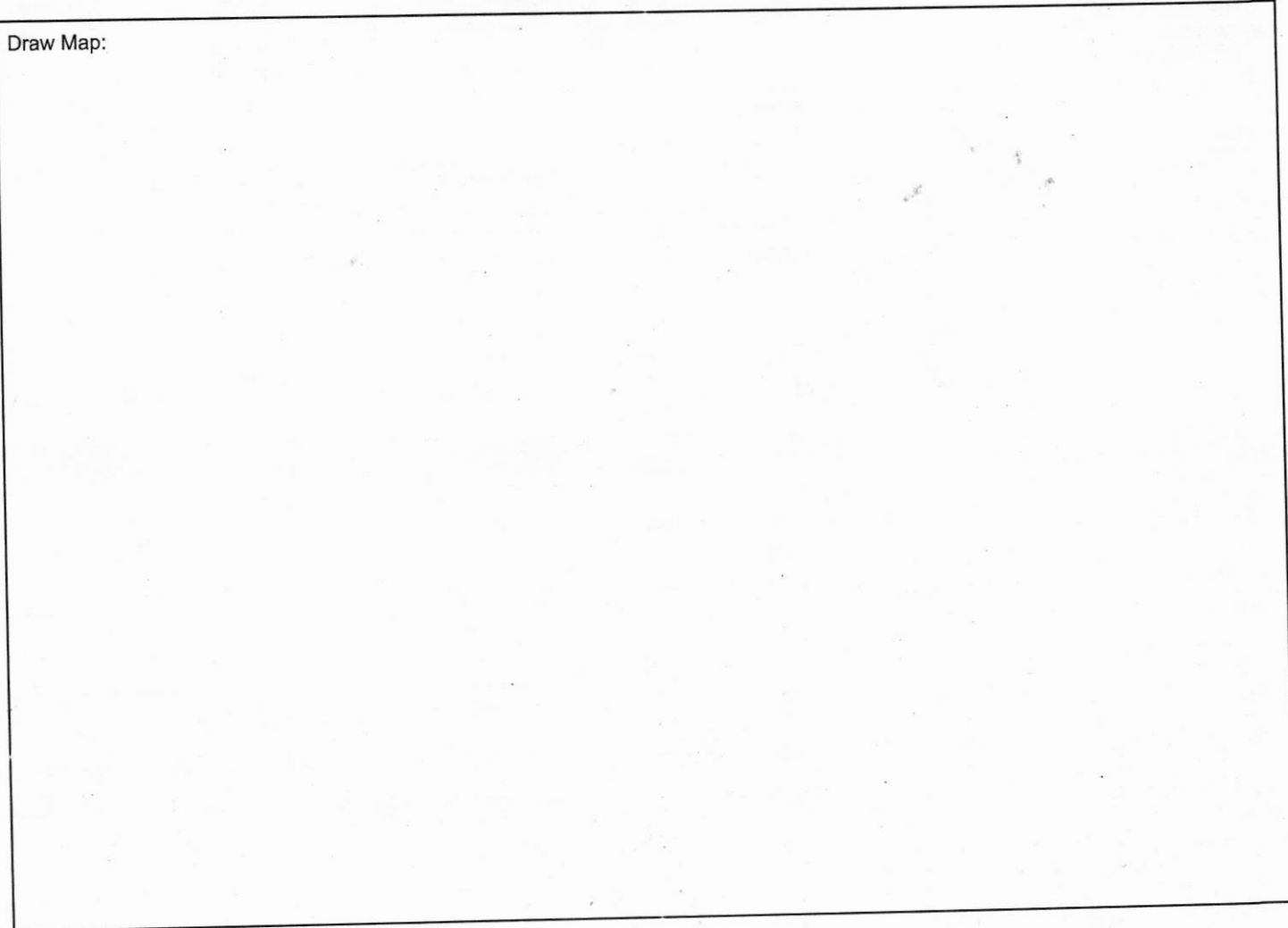
	Deployment	Retrieval	Total Colonization Time (Days)
Date:	07/22/2021	09/02/2021	43
Time:	1:30 pm	11:30	
Personnel:	Lefevre, Cunningham	Cunningham, Krum	
Water Depth at Location (m):	0.63	0.65 m	
Sampler Height Above Substrate (m):	0.2	0.2 m	
Bank Placement: R (L)	Looking up stream from bridge ~100m	" "	
Distance From Bank:	~8	" "	
Water Temp (C):	21.5	20.6	
Water Color (clear, turbid, <u>stained</u>):	stained	stained	
D.O. (mg/L):	8.4 (99.5%)	9.3 (107.7%)	
pH:	7.8	9.0	
Conductivity:	82	94	
Transparency Tube (cm):	>120	>120	
Turbidity (NTUs):			
Water Velocity (m/s):	1.8 cfs	~1.8 cfs	

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:

(Populus tremuloides)
 Block is about 3m from down/sag Trembling Aspen, ~20m away from cut lawn, ~10m from bank, ~40m away from very large boulder at stream edge/bank (downstream), large population of honey suckle on shore (left bank), right side of river is a small yellowish/white house w/ green roof + small dock, block is upstream ~100m from bridge where Cth G crosses the Chippewa R.

For Lab Use Only

Sample Sorter Unellin, Dylan	Taxonomist Dimitry, Jeffery	Estimated Percent of Sample Sorted 93.75
Date Processed 9/16/22	Specimens Saved Subsample 582 archived in ABL units Nov 2025	

CJ 5	E8 11	G4 9	A7 7	104	63	61	40	46	582	93.75%	E3	CG	B3	AG
				54	52	39	39			*No large rare				

QC
 Chiron. 11/11/11
 Stone. 11/11/11
 11/11/11
 11/11/11
 Pup. 11
 Worm. 11

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Baetidae	L	x-iiii	19	MCB 2019	dam	N	N
Acentrella turbida	L	ii	2	Klub 2016			
Acentrella pygmaea	L	-iiii	8	"			
Baetis flavistriga species complex	L	8x-1	76	"			
Isaiaea andrea	L	ii	2	"			
Procladius	L	iii	3	MCB 2019	dam	N	
P. dubius	L	iiii	4	Klub 2016			
Procladius at least 2 species	L	x-1	16	MCB 2019	dam		
Coenis aneps	L	-ii	7	Klub 2016			
Eurylophella	L	1	1	MCB 2019	imm		
Tetodonopsis deficiens	L	1	1	"			
Hydropsyche	L	x-iii	15	"	dam/imm	N	
Ephemerella vittata	L	1	1	Klub 2016			
Leuctra	L	1	1	MCB 2019			
Mesochoreia	L	x-iiii	16	Klub 2016	imm	N	
M. medispunctatum	L	iiii	4	"			
M. vicarium	L	x-1	16	"			
Stenonema	L	-1	6	MCB 2019	imm		
Isonychia	L	-iii	8	"	imm	N	
I. rufa	L	1	1	Klub 2016			
Acroaetia	L	iii	3	MCB 2019	dam		
Ceratopsyche	L	1	1	Hils 1995	imm	N	
C. mucosa mucosa form	L	-iiii	9	Schm Hils 1986			
Chamaetypus	L	880-iiii	112	MCB 2019			
Chamaetypus obscura	L	ii	2	Hils 1982			
Macromyia glabratus	A	1	1	Hils Schm 1992			
Chironomidae	P	iiii	4	MCB 2019	dam	N	
Plecoptera	P	ii	2	"		N	
Tanytarsus	P	iiii	4	"		N	
Hemiptera	L	x-iii	13	"			
Simulium	P	ii	2	"			
S. jenningsi species group	L	iii	5	Adl et al 2004	imm	N	
S. jenningsi	L	ii	2	"			
Coelocampa	A	1	1	Thorp 2016	imm		
Dugesidae	A	-1	6	"			
Lauxanotus fuscus	A	iii	3	"			
Orthoclaeniinae	P	1	1	MCB 2019	dam	N	
Conchapelonia	P	1	1	"		N	
Split taxa Chironomidae	L	8x-1					

