

**Station Summary**

<b>Waterbody Name</b> EAU CLAIRE RIVER		<b>WBIC</b> 2125600	<b>Field Seq no.</b> generated by SWIMS 283417160
<b>SWIMS Station ID</b> 10029179	<b>SWIMS Station Name</b> EAU CLAIRE RIVER ADJACENT TO CTH QQ - COUNTY LAND		
<b>Field Sample ID</b> (retrieval date) 20210909-18-01	<b>Basin (WMU)</b> LOWER CHIPPEWA	<b>Watershed Name</b> LOWER EAU CLAIRE RIVER	<b>County</b> EAU CLAIRE
<b>Project Name</b> LARGE RIVER MACROINVERTEBRATE SAMPLING			
<b>Latitude</b> 44.81969	<b>Longitude</b> -91.36399	<b>Determination Method</b>	<b>Datum Used</b>

Site Access Details: \_\_\_\_\_

**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: County forest, along CTH @

**Substrate Composition**

Bedrock \_\_\_\_\_ %      Boulder 80 %      Cobble \_\_\_\_\_ %      Gravel \_\_\_\_\_ %  
 Sand 20 %      Silt \_\_\_\_\_ %      Clay \_\_\_\_\_ %      Muck \_\_\_\_\_ %  
 Aquatic Macrophytes \_\_\_\_\_ %      CWD \_\_\_\_\_ %      Other ( \_\_\_\_\_ ): \_\_\_\_\_ %

**Field Measurements**

	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/28/2021	9/8/2021	
Time:		0910	
Personnel:	Willger, Raleigh	Willger, Raleigh	
Water Depth at Location (m):			
Sampler Height Above Substrate (m):			
Bank Placement: R L	L	L	
Distance From Bank:	3m	3m	
Water Temp (C):			
Water Color (clear, turbid, stained):	C	S	
D.O. (mg/L):			
pH:			
Conductivity:			
Transparency Tube (cm):			
Turbidity (NTUs):			
Water Velocity (m/s):			

6 stratified - combine to 1 container  
 10 grids - combine to 1 container  
 6 grids - in individual 20ml vials

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:

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270

For Lab Use Only		
Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
F35 C66 AG=50 B2=8 Patrick Catalan U	Dimick, Jeffrey	100% to 59.0
Date Processed	Specimens Saved	
09/19/2022	Subsample archived in ABL until Nov 2025	

20 grids 5214 E2 8 D3 20 F613 D4 8 = 454 | 241 C64, E5 B1 G2, L8, A5, G5  
 44, 10, 19, 8, 26 GB 16 C2 17 F7, 7  
 15, 9, 24, 14, 9, 7 B3 44 CB19 C4 28  
 6 specimens per sample 41

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Ephemeroptera	L	"	2	MCB 2019	dam/imm	N	N
Acentrella parvula	L	1	1	Kub 2016			
Baetis intercalaris	L	-1	6	"			
Placiditus	L	1	1	MCB 2019	dam		
Caenis	L	1	1	"	imm		
Heptageniidae	L	80xIII	67	"	dam/imm	N	
Heptagenia	L	4	2	"	imm		
Maccaffertium	L	0-100	30	Kub 2016	imm	N	
M. exiguum	L	X	15	"			
M. mediopunctatum	L	1	1	"			
Stenacron	L	1	1	MCB 2019	imm		
Stenacron femoratum	L	1	1	"			
Isonychia	L	-1	6	"	imm		
Leptophlebiidae	L	-	5	"	imm		
Compsoptera	L	1	1	"	imm		
Pteronarcys	L	-	5	"	imm		
Trichoptera post-fly cases, large	L	1	1	"	dam	Y	
Hydropsychidae	L	XIII	15	"	imm	N	
Cheumatopsyche	L	88-4	77	"			
Hydropsyche	L	-	5	Hils 1985	imm	N	
H. scalaris	L	1	1	Schm Hils 1986			
Neotansyche	L	1	1	MCB 2019	imm	N	
N. exquisita	L	1	1	BiorFlow 2004			
Chironomidae	L	1	1	MCB 2019	imm		
Polycentropodidae	P	1	1	"	1	N	
Neureclipsis	L	"	2	"			
Macronychus glabratus	L	1	1	Hils 1985			
Stenelmis	L	1	1	MCB 2019			
Ectopora leechi/nemosa	L	1	1	Switzer pers comm			
Atherix variegata	L	4	2	Hils 1985			
Hydroptila	L	1	1	Wigg 1977			
Rhyacotriton	P	"	2	MCB 2019		N	
Rhyacomyia	P	1	1	"			
Thremmannella	P	"	2	"		N	
Polyredilum	P	1	1	"		N	
Phlebotarctus	P	-1	6	"		N	
Wynyardia	P	4	3	"		N	
Simulium jenningsi species group	L	1	1	Adel et al 2004			
Daphniidae	A	1	1	Thompson 2016			
Cyclopidae	A	1	1	"			

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
<del>Spiliza Chironomidae</del>	L	B-XIII					
<del>Spiliza Chironomidae</del>	L	B-XII					
<del>Spiliza worm</del>	A	H-XII					
Coryphocera	L	I	6	And et al 2013			N
Microtendipes pedellus group	L	III	4	"			
Rheotanytarsus	L	B-X-XIII	125	"			
Chironomidae	L	I	1	MCB 2019	dam		N
Ablabesmyia (Ablabesmyia)	L	II	2	And et al 2013	imm		N
A-(A-) mallochii	L	I	1	Bolton 2012			
A-(A-) rhampho group	L	I	1	"			
Conchaepelopia	L	II	2	And et al 2013			
Nilotanytarsus americanus	L	I	1	Zoback 1986			
Rheopelopia	L	I	1	And et al 2013			
Thienemannomyia	L	I	1	"			
Thienemannomyia group	L	X-III	14	"	imm		N
Orthocladinae	L	I	1	"	imm		N
Cricotopus (Cricotopus) festivellus group	L	I	1	"			
Nanocladius (Nanocladius)	L	I	1	"	imm		N
N-(N-) gniphilus	L	II	2	Bolton 2012			
N-(N-) cassinus/of rotinervis	L	I	1	"			
Rheocricotopus	L	III	3	And et al 2013			
Chironominae	L	III	4	"	imm		N
Dicrotendipes	L	I	1	"			
Nilotrauma	L	II	2	"			
Phaenopsectra punctipes	L	II	2	Bolton 2012			
Thienemannella xena	L	I	1	"			
Polypedilum (Polypedilum) laetum group	L	I	1	"			
P. (tripodura) halleri group	L	II	2	"			
P. (T.) scalenum group	L	-III	8	"			
P. (Vesipedium) flavum	L	X-III	19	"			
Tanytarsus	L	I	5	And et al 2013			↓
Nais	A	I	1	Kahn Born 1998		Y	N
N. variabilis	A	I	1	"			↓
Piguetella	A	I	1	"			↓