

**Station Summary**

<b>Waterbody Name</b> FLAMBEAU RIVER		<b>WBIC</b> 2225000	<b>Field Seq no.</b> generated by SWIMS 279685823
<b>SWIMS Station ID</b> 10018869	<b>SWIMS Station Name</b> FLAMBEAU RIVER -- ACCESS		
<b>Field Sample ID</b> (retrieval date) 20210907-55-02	<b>Basin (WMU)</b> UPPER CHIPPEWA	<b>Watershed Name</b> LOWER FLAMBEAU RIVER	<b>County</b> RUSK
<b>Project Name</b> LARGE RIVER MACROINVERTEBRATE SAMPLING			
<b>Latitude</b> <del>45.3330656</del> 45.33288	<b>Longitude</b> <del>91.2284201</del> -91.22830	<b>Determination Method</b> eLT Location, 24K Hydro	<b>Datum Used</b> WTM83/91

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) 1      Avg. size (dbh) 0.3      Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition: wooded

**Substrate Composition**

Bedrock \_\_\_\_\_ %      Boulder \_\_\_\_\_ %      Cobble \_\_\_\_\_ %      Gravel 100 %  
 Sand \_\_\_\_\_ %      Silt \_\_\_\_\_ %      Clay \_\_\_\_\_ %      Muck \_\_\_\_\_ %  
 Aquatic Macrophytes 0 %      CWD 0 %      Other ( \_\_\_\_\_ ): \_\_\_\_\_ %

**Field Measurements**

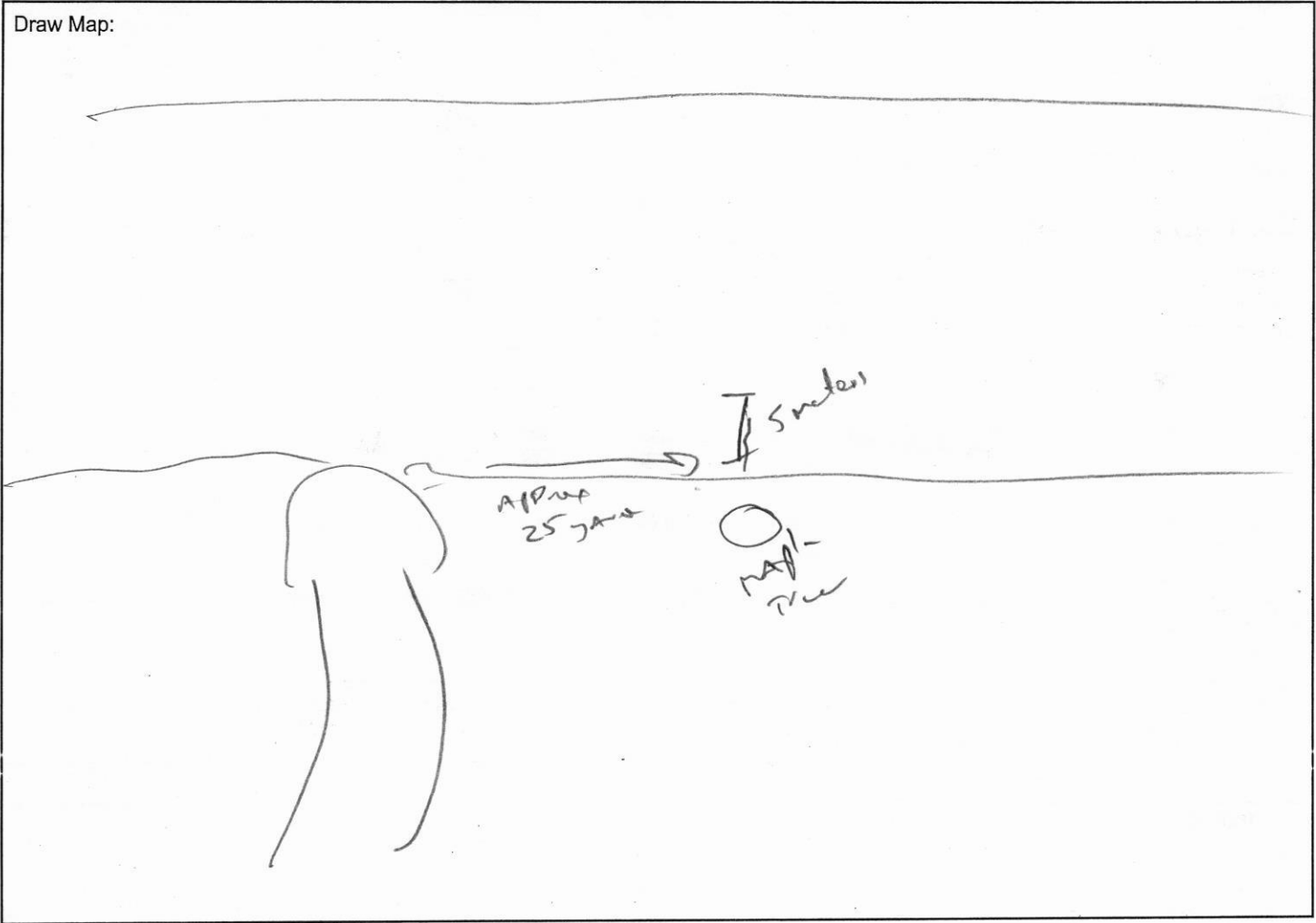
	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7-27-21	9-7-21	41
Time:	13:20	12:30	
Personnel:	J. West / T. AAKHUA	West / AAKHUA	
Water Depth at Location (m):	0.75 m	0.2	
Sampler Height Above Substrate (m):	0.2	0.15	
Bank Placement: R <u>D</u>			
Distance From Bank:	5 meters		
Water Temp (C):	25.2	23.5	
Water Color (clear, turbid, stained):	stained	stained	
D.O. (mg/L):	9.2      111.2 %	12.1      143.0 %	
pH:	7.4	7.8	
Conductivity:	91	103	
Transparency Tube (cm):	> 120.00	> 120.00	
Turbidity (NTUs):			
Water Velocity (m/s):	0.35	0.20	

Blocked Fl. 11ed on 5.0c - may have been out of water grid 600 ref. end

# Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

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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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For Lab Use Only		
Sample Sorter <i>Kloepfing, Trent</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>33.2%</i>
Date Processed <i>9/8/2022</i>	Specimens Saved <i>Subsample 505 and median AB units / Nov 2025</i>	

C6 54 A4 39 G2 18 H7 10      B3 D2 A6 H5 F3 34 60 71 57 B7 25 E2 16 G6 24 D3 9 A6 17 E1 12  
 QAQC      Worm: *|||||*      Caddis: *||*      Stone: *||*      74 25%      F8 10 D8 23 E6 24      8.20%      505      10.94% of 75%  
 Midge: *|||||*

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Baetidae	L	III	8	MCB 2019	dam/imm	N	N
Aesopina pyemae	L	XI	11	Klob 2016			
Baetis flavistriga species complex	L	I	1	"			
Procladius	L	I	1	MCB 2019	dam		
Eurylophella	L	I	1	"	imm		
Telescopopsis deficiens	L	III	3	"			
Heptageniidae	L	IV	11	"	dam/imm	N	
Leucogeneta	L	I	1	"			
Maccaffertium	L	X-III	19	Klob 2016	imm	n=4, Y	
M. modestum	L	I	1	"			
M. vicarium	L	X	10	"			
Stenonema	L	III	3	MCB 2019	imm		
Acronemata	L	I	1	"	imm	N	
A. lycaras	L	I	1	Hitch 1974			
Paragnetina media	L	II	2	Hils 1985			
Ceratopsyche	L	I	1	"	imm		
Chumatopsyche	L	II	2	MCB 2019			
Hydropsyche	L	II	2	Hils 1985	imm		
Hydroptila	L	IV	10	MCB 2019 Wigg 1977			
Nemotopis	L	I	1	"			
Psychomyia flavida	L	III	9	Hils 1985			
Macronychus glabratus	A	I	1	"			
Hydropsychidae	L	I	1	MCB 2019	imm	N	
Crotopus (Crotopus)	P	III	4	Wieder 1986	dam	N	
Theramanella	P	I	1	MCB 2019		N	
Demerechroma	L	II	2	"			
Hydrobiidae not P. antipodanum	A	I	1	Burch 1989			Y
Pteronareys	L	I	1	MCB 2019	imm		Y
<del>Split A2a Chironomidae</del>	L	Bx JJ					
<del>Split A2b Chironomidae</del>	L	Bx JJ					
<del>Split A2c Chironomidae</del>	L	Bx JJ					
<del>Split A2d Chironomidae</del>	L	Bx JJ					
<del>Split A2e Chironomidae</del>	L	III JJ					
<del>Split A2a worm 50/100</del>	A	Bx JJ					
<del>Split A2b worm 50/100</del>	A	Bx JJ					
<del>Split A2c worm 50/02</del>	A	Bx JJ					
<del>Split A2c worm 4/4</del>	A	III JJ					
Corynoptera	L	X-X	17	And et al 2013			N
Tanyptera	L	II	7	"	imm	N	N

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
<i>Ablabesmyia</i> ( <i>Ablabesmyia</i> )	L	x	10	And et al 2013	imm	n=2Y	N
<i>A. (A.) mallochii</i>	L		2	Bolton 2012			
<i>Labrundinia pilosella</i>	L	x	14	"			
<i>Coenochorina</i>	L		1	And et al 2013			
<i>Pentaneura mansuetor</i>	L		1	Epler 2001			
<i>Orthocladius</i>	L	x-	15	And et al 2013	mt indet/imm	N	
<i>Cricotopus</i> (Cricotopus)	L	x-	17	"		Y	
<i>C. (Cricotopus) bicinctus</i> group	L		2	"			
<i>Nanocladius</i> ( <i>Nanocladius</i> )	L		1	"	imm		
<i>N. (Plecopterocladius)</i>	L		1	"	imm		
<i>Orthocladius</i> ( <i>Orthocladius</i> )	L	x	30	"			
<i>Parakiefferella</i>	L		3	"			
<i>Thienemannella</i>	L		3	"	mt indet/imm	N	
<i>T. lobapodema</i>	L	-	8	Bolton 2012			
<i>T. foveicapita</i>	L	-	9	"			
<i>Tweedia discoloripes</i> group	L		2	Bode 1983			
<i>Chironominae</i>	L	-	5	And et al 2013	imm	N	
<i>Cladotanytarsus</i>	L		1	"			
<i>Microtendipes</i>	L		1	"			
<i>Microtendipes pedellus</i> group	L		4	"			
<i>M. rydalenis</i> group	L		2	"			
<i>Phaenopsectra obedens</i> group	L		1	Epler 2001			
<i>Polytendipes (Polytendipes) fallax</i> group	L		2	Bolton 2012			
<i>P. (P.) illinoense</i> group	L	-	6	"			
<i>P. (Tropidura) scalanum</i> group	L		3	"			
<i>Stempellinella</i>	L		1	And et al 2013			
<i>Subletta</i>	L		2	"			
<i>Zenotanytarsus</i>	L		1	"			
<i>Tanytarsus</i>	L		44	"			↓
<i>Naidinae</i>	A	-	6	Kahn Ben 1998	mt indet/dam	N	N
<i>Nais</i>	A	-	6	"	mt indet	N	
<i>N. bretscheri</i>	A	x	14	"			
<i>N. simplex</i>	A		233	"			
<i>N. variabilis</i>	A	x	10	"			
<i>N. bretscheri/pardalis</i>	A		2	"		N	
<i>Pristina</i>	A		1	"	mt indet	Y	↓
<i>P. osborni</i>	A		2	"			