

Station Summary

Waterbody Name EMBARRASS RIVER	WBIC 291900	Field Seq no. generated by SWIMS 293164395
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SWIMS Station ID 10055742	SWIMS Station Name EMBARRASS RIVER 30M DS CHERRY RD ACCESS
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Field Sample ID (retrieval date) 20200831-45-01	Basin (WMU) WOLF RIVER	Watershed Name NORTH BRANCH AND MAINST	County OUTAGAMIE
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Project Name LARGE RIVERS MONITORING

Latitude 44.539	Longitude -88.68243	Determination Method	Datum Used
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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: _____

Substrate Composition

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

Field Measurements

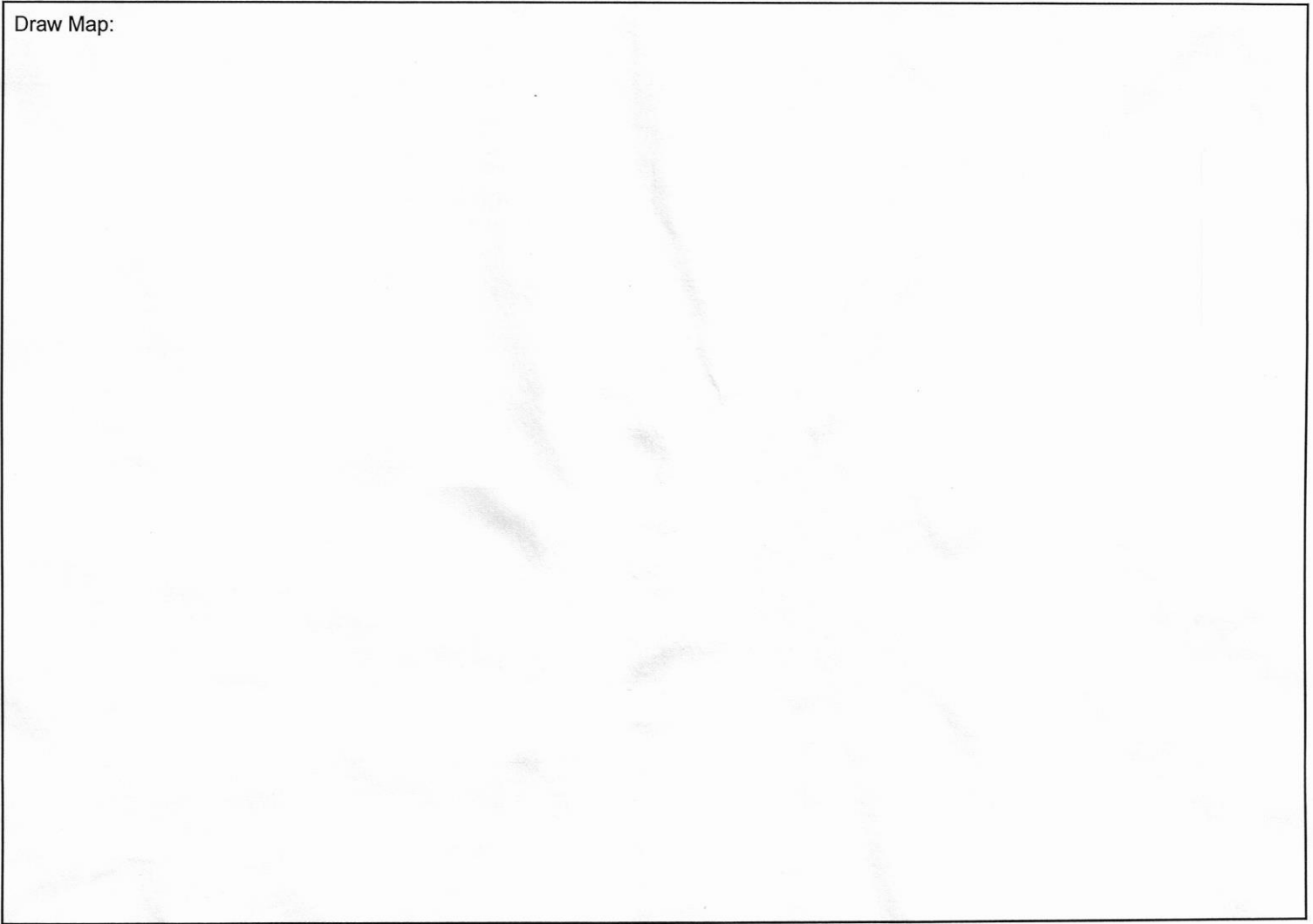
	Deployment	Retrieval	Total Colonization Time (Days)
Date:	7/8/2021	08/31/2021	54
Time:	10:00	14:00	
Personnel:	Hubak, Gilsdorf		
Water Depth at Location (m):	3 m	3.25 m	
Sampler Height Above Substrate (m):	0.5 m	0.5 m	
Bank Placement: (R) L	R	R	
Distance From Bank:	8 m	8 m	
Water Temp (C):			
Water Color (clear, turbid, stained):	stained	stained	
D.O. (mg/L):			
pH:			
Conductivity:			
Transparency Tube (cm):	7122	7122	
Turbidity (NTUs):			
Water Velocity (m/s):			

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:

For Lab Use Only

Sample Sorter <i>Katherine McClure</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>10.9%</i>
Date Processed <i>9/16/22</i>	Specimens Saved <i>502 subsample archived in ABC until Nov 2025</i>	

A4: 114 B7: 3 CS: 86 C6: 53 (502) | QAC worms | Midge: 1 Caddis: 111 | Stone: may: Dip: 11 [7]

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Baetidae	L	III	4	MCB 2019	imm	N	N
Baetis intercalaris	L	III	8	Kleb 2016			
Heptageniidae	L	III	31	MCB 2019	dam/imm	N	
Heptagenia	L	III	3	"	imm	N	
H. flavescens	L	II	2	Kleb 2016			
Maccaffertium	L	88 III	74	"	imm	N	
M. exiguum	L	I	6	"			
Isonychia	L	I	1	MCB 2019	imm		
Tricoptodes	L	III	3	"			
Leptophlebiidae	L	I	1	"	imm		
Plecoptera	L	II	2	"	imm		
Perlid/Perlodid							
Brachycentrus numerosus	L	II	2	Hils 1985			
Hydropsychidae	L	80 III	66	MCB 2019	imm	N	
Chumatopsyche	L	88 III	183	"			
Hydropsyche	L	II	7	Hils 1985	imm	N	
H. similans	L	I	6	Schm Hils 1986			
Mystacides	L	I	1	MCB 2019	imm		
ocetis	L	II	2	"	imm		
Chimarra	L	III	4	"	imm	N	
C. socia	L	III	3	Hils 1982			
Neureclipsis	L	20 III	19	MCB 2019			
Atherix variegata	L	I	1	Hils 1985			
Orthocladinae	P	I	1	MCB 2019	dam	N	
small							
Empididae	L	I	1	"	dam	N	
Hemerochroma	L	III	3	"			
Hydriidae	A	I	1	Thorp Reg 2016			
Dugesidae	A	8-III	39	"			
Macronychus glaberrimus	L	I	1	Hils 1985			Y
Acanocurra abnormis	L	I	1	Hitch 1974			Y
Pteronarcys	L	I	1	MCB 2019	imm		Y
Split Ash Chironomidae	L	87 JSD					
Split Ash Chironomidae	L	III JSD					
Corynura	L	III	4	And et al 2013			N
Photopygus	L	III	4	"			
Tanyptera	L	I	1	"	imm	N	
Nilotanyptus fimbriatus	L	III	3	Epler 2001			
Thienemannimyia group	L	I	1	And et al 2013	imm		
Cricotopus (Cricotopus) bicinctus group	L	II	2	"			
Nannocladius (Nannocladius) crassicornis/d. rectinervis	L	I	1	Bolton 2012			

