

**Station Summary**

<b>Waterbody Name</b> SAINT CROIX RIVER	<b>WBIC</b> 2601400	<b>Field Seq no.</b> generated by SWIMS 283999809
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<b>SWIMS Station ID</b> 10021762	<b>SWIMS Station Name</b> ST CROIX RIVER - RASPBERRY LANDING		
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<b>Field Sample ID</b> (retrieval date) 20210915-07-2	<b>Basin (WMU)</b>	<b>Watershed Name</b>	<b>County</b> Burnett
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**Project Name** LARGE RIVER MACROINVERTEBRATE SAMPLING

<b>Latitude</b> 45.7565139	<b>Longitude</b> -92.7936066	<b>Determination Method</b>	<b>Datum Used</b>
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Site Access Details: DS of boat landing 100m below Spring input, between 2 rocky points attached to large boulder 10m off shore / N 45.75512; W 092.79380

**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: riparian on bank sides is large, open woods

**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:	8-4-2021	9-15-2021	
Time:	14:45		
Personnel:	Williger, Rasmussen	Williger, Raligh	
Water Depth at Location (m):	1m	1m	
Sampler Height Above Substrate (m):	0.3	0.3	
Bank Placement: R L	R	R	
Distance From Bank:	11m	11m	
Water Temp (C):			
Water Color (clear, turbid, stained):	Clear	Clear	
D.O. (mg/L):			
pH:			
Conductivity:			
Transparency Tube (cm):	720	720	
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:

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**For Lab Use Only**

Sample Sorter Mary Jay Relagio	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 25%
Date Processed 9/21/2022	Specimens Saved Subsample archived in ABC label Nov 2025	

CA  
 93-47  
 91-31  
 92-19  
 94-40  
 A3  
 91-37  
 93-29  
 94-40  
 92-43  
 D2  
 94-30  
 93-36  
 91-29  
 92-40  
 D3  
 93-46  
 94-50  
 91-18  
 92-25

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon	L/R Y/N
Proclon	L	I	1	MCB 2019	imm		N
Maccaffertium	L	III	3	Klubs 2016	imm		
Leptanthebiidae	L	II	2	MCB 2019	imm		
Anthopotamus verticis	L	III	8	Klubs 2016			
Argia	L	I	1	MCB 2019	imm		
Ceratopsycha morosa bifida group	L	I	1	Schmittils 1986			
Hydroptila	L	II	7	MCB 2019			
Oecetis	L	II	2	"	imm		
Polycentropodidae	L	I	5	"	dam	N	
Neureclipsis	L	III	8	"			
Polycentropus	L	III	9	"			
Macronychus glabratus	A	II	2	Wils 1985			
Paratanytarsus	P	I	1	MCB 2019			
Tanytarsus	P	II	2	"		N	
Chironomidae	P	I	1	"	dam	N	N
<del>Spit A1a Chironomidae</del>	L	<del>IX-III</del>					
<del>Spit A1b Chironomidae</del>	L	<del>IX-III</del>					
<del>Spit A1c Chironomidae</del>	L	<del>IX-III</del>					
<del>Spit A1d Chironomidae</del>	L	<del>IX-III</del>					
<del>Spit A1e Chironomidae</del>	L	<del>IX-III</del>					
<del>Spit A1f Chironomidae</del>	L	<del>IX-III</del>					
<del>Spit A1g warm</del>	A	<del>III-III</del>					
Corynoptera	L	III	13	Andetal 2013			N
Synanthrocladius	L	III	3	"			
Dicrotendipes	L	IX-III	74	"			
Glyptotendipes	L	IX-III	19	"			
Microtendipes pedellus group	L	IX-III	29	"			
Nitotarsus	L	II	7	"			
Stylarica lacustris	A	II	3	Kath Brim 1988			
Tanyptodidae	L	01	21	And et al 2013	imm	N	
Ablabesmyia (Ablabesmyia)	L	0000 III	164	"	imm	n=11, Y	
A-(A-) rhampho group	L	-I	6	Bolton 2012			
Conchapelopia	L	II	2	And et al 2013			
Labrundinia pilosella	L	IX-III	32	Bolton 2012			
Pentaneura inconspicua	L	III	4	"			
Thienemannimyza	L	II	2	And et al 2013			
Thienemannimyza group	L	-I	6	"	imm	N	
Orthocladinae	L	XI	11	"	imm	n=21	
Chironomidae	L	II	2	MCB 2019	mt indd	N	N

