

Instructions: **Bold** fields must be completed.

Station Summary					
<b>Waterbody Name</b> SOUTH FORK FLAMBEAU RIVER		<b>Waterbody ID Code</b> 2231200		<b>Sample ID (YYYYMMDD-CY-FD)</b> 2020 0922 - 51 - 01	
<b>Sampling Location</b> 300 m US of STA 13				<b>Database Key</b> 249177429	
<b>SWIMS Station ID</b> 10050930		<b>SWIMS Station Name</b> SOUTH FORK FLAMBEAU RIVER UPSTREAM OF HWY 13			
<b>Latitude</b> 45.8581755 / 45.86056	<b>Longitude</b> -90.426502 / -90.4236	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS		<b>Datum Used if using GPS</b> WGS84 or NAD83	
<b>Basin (WMU)</b> UPPER CHIPPEWA		<b>Watershed Name</b> LOWER SOUTH FORK FLAMBEAU RIVER		<b>County</b> PRICE	
Sample and Site Descriptors					
<b>Sample Collector (Last Name, First)</b> JON KLEIST			<b>Project Name</b> NORTH DISTRICT NC STREAM STRATIFIED SITES 2019		
Sampling Device					
<input checked="" type="checkbox"/> D-Frame Kick Net		<input type="checkbox"/> Surber Sampler		<input type="checkbox"/> Eckman	
<input type="checkbox"/> Ponar		<input type="checkbox"/> Artificial Substrate		<input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____	
Habitat Sampled					
<input checked="" type="checkbox"/> Riffle		<input type="checkbox"/> Run		<input type="checkbox"/> Pool	
<input type="checkbox"/> Other		<input type="checkbox"/> Shoreline Composite		<input type="checkbox"/> Proportionally-Sampled Habitat	
<input type="checkbox"/> Littoral Zone		<input type="checkbox"/> Profundal Zone		<input type="checkbox"/> Wetland	
<b>Total Sampling Time (min)</b> 1.5	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1.5	<b>Number of Samples in Composite</b> 4		<b>Replicate No.</b> 1 <b>of</b> 1	
Reason For Sampling					
<input checked="" type="checkbox"/> Least Impacted Reference		<input checked="" type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input type="checkbox"/> Other: _____	
<b>Water Temp. (C)</b> 17.8	<b>D.O. (mg/l)</b> 9.5	<b>D.O. (% sat.)</b> 100.1	<b>pH (su)</b> 8.0	<b>Conductivity (umhos/cm)</b> 79	<b>Transparency (cm)</b> >120
<b>Water Color</b> <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained			<b>Estimated Stream Velocity (m/s)</b> <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)		
<b>Measured Velocity</b> 0.4 <small>circle units m/s or f/s</small>		<b>Average Stream Depth of reach (m)</b> 0.3		<b>Average Stream Width of reach (m)</b> 30	
Composition of Substrate Sampled (Percent):					
<b>Bedrock:</b> _____		<b>Boulders (basketball or larger):</b> _____		<b>Rubble (tennisball to basketball):</b> 40	
<b>Sand:</b> 30		<b>Clay:</b> _____		<b>Gravel (ladybug to tennisball):</b> 30	
<b>Aquatic Macrophytes:</b> _____		<b>Leaf Snags:</b> _____		<b>Coarse Woody Debris:</b> _____	
<b>Embeddedness of Substrate at Sample Site (%)</b> 40		<b>Canopy Cover at Sample Site (%)</b> 0			

**Stream and Watershed Descriptors**

N = Not a problem  
 U = Uncertain  
 PL = Present, Low Impact  
 PH = Present, High Impact

Factors that may be influencing Water Resource Integrity		Local	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
<b>Biological</b>				<b>Chemical</b>			
Algae: - Diatoms / Periphyton		PL	PL	Chlorine		N	N
- Filamentous Algae		PL	PL	Dissolved Oxygen		N	N
- Planktonic Algae		N	U	Nutrients (P, N...)		N	N
Iron Bacteria		N	U	Toxics: - Inorganic (Metals)		N	N
Macrophytes		PL	U	- Organic (PCBs, pesticides...)		N	N
Slimes		N	N	Other - Specify:			
Other - Specify:				<b>Sources of Stream Impacts</b>			
				Bank Erosion		PL	PL
				Point Source - Specify:		N	N
<b>Physical</b>				Pasturing of Livestock			
Bank Erosion		PL	PL	Runoff: - Barnyard		N	N
Channelization: - Upstream		N	N	- Construction		N	U
- Downstream		N	N	- Cropland		N	N
Hydraulic Scour / Channel Incision		N	N	- Urban		N	PL
Impoundment: - Upstream		N	N	Septic Systems		N	N
- Downstream		N	N	Tile Drainage - Organic Soils		N	N
Low Flow		N	N	- Mineral Soils		N	N
Sedimentation		N	N	Springs		N	U
Sludge		N	N	Tributary(s)		N	PL
Thermal		N	N	Wetland		N	PL
Turbidity		N	N	Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter <i>Reed, Kayla</i>	Taxonomist <i>Dinick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>9.375%</i>
Date Processed <i>10/21/2021</i>	Specimens Saved <i>Subsample 128 archived in ABC until NOV 2024</i>	

*D2Q2 - 29*  
*C1Q1 - 11*  
*D2Q4 + C1Q4 - 41*  
*D2Q1 - 19*

*C1Q3 - 28*  
~~*D2Q3 -*~~  
~~*C1Q2*~~  
~~*A2*~~

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis flavistriga species complex	L	1	1	Kub 2016		
<del>Psephenus</del> Teloganopsis deficiens	L	11	2	MCB 2019		
Leverocuta	L	1	1	"		
Maecallertium	L	11	2	Kub 2016	imm	N
M. mediopunctatum	L	1	1	"		
Agnetina <del>Agnetina</del>	L	21	2	MCB 2019	imm	
Taeniopteryx	L	1	1	"	imm	
Allocaenia	L	1	1	"		
Glossosomatidae	L	11	2	"	imm	N
Protophila	L	2111	31	"		
Ceratomyza morosa	L	1	1	Schmitt 1986	imm	
Ceratomyza	L	11	2	MCB 2019		
Lepidostoma	L	1	1	"		
Setodes	L	11	2	"		
Optioservus	L	011	26	"	imm	N
O. trivittatus L, 5 A, 3	L, A	1111	8	Hilsch 1992		
Stenelmis	L	11111	9	MCB 2019		
Hemerodromia	L	1	1	"		
Ferrissia	A	1	1	Thompson 2016	dam	
Pisidium	A	11	2	"		
Sphaerium	A	111	3	"		
Lumbriculus	A	1	1	"		
Naidinae	A	1	1	Kath Brin 1998		
Tubificinae (with hairs)	A	1	1	"		
Tubificinae (without hairs)	A	11	2	"		
<del>Split As Chironomidae</del>	L	0111111				
Comptosia	L	1	1	And et al 2013		
Lopescladius	L	11	2	"		
Thienemanniella	L	1	1	"	imm	
Platytarsus	L	111	3	"		
Neostempellina reissi	L	1111	4	"		
Rheotanytarsus	L	11	2	"		
Tanyptodinae	L	11	2	"	imm	
Orthocladinae	L	1111	4	"	imm	N
Cricotopus (Cricotopus) bipectus group	L	1	1	"		
Orthocladus (Orthocladus)	L	111	3	"		

