

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

Station Summary			
<b>Waterbody Name</b> UNNAMED		<b>Waterbody ID Code</b> 304100	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20201026-59-01
<b>Sampling Location</b>			<b>Database Key</b> 258672046
<b>SWIMS Station ID</b> 10048943		<b>SWIMS Station Name</b> UNNAMED - BLUEBERRY RD.	
<b>Latitude</b>	<b>Longitude</b>	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> WOLF RIVER		<b>Watershed Name</b> NORTH BRANCH AND MAINSTEM EMBARRA	<b>County</b> SHAWANO

Sample and Site Descriptors	
<b>Sample Collector (Last Name, First)</b> ANDREW HUDAK	<b>Project Name</b> 2020 TWA STRASSBURG CREEK- NORTH BRANCH EMBARRA

**Sampling Device**

D-Frame Kick Net    
  Surber Sampler    
  Eckman  
 Ponar    
  Artificial Substrate    
  Hess Sampler    
  Other: \_\_\_\_\_

**Habitat Sampled**

Riffle    
  Run    
  Pool  
 Other    
  Shoreline Composite    
  Proportionally-Sampled Habitat  
 Littoral Zone    
  Profundal Zone    
  Wetland

<b>Total Sampling Time (min)</b> 3	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 6	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason For Sampling**

Least Impacted Reference    
  Baseline    
  Impact / Treatment Site  
 Control Site    
 Trend    
 Other: TWA

<b>Water Temp. (C)</b> 3.1	<b>D.O. (mg/l)</b> 16.88	<b>D.O. (% sat.)</b> 88.5	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b> .227	<b>Transparency (cm)</b> 7122
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<b>Water Color</b>	<b>Estimated Stream Velocity (m/s)</b>
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<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> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> .15	<b>Average Stream Width of reach (m)</b> 5
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): 30  
 Sand: 40 Clay: \_\_\_\_\_ Silt/Muck: 10 Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: 20 Coarse Woody Debris: \_\_\_\_\_ Other (\_\_\_\_): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) 50 Canopy Cover at Sample Site (%) 30

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Reed, Kayla</i>	Taxonomist <i>Dimick, Jeff</i>	Estimated Percent of Sample Sorted 7.8%
Date Processed 9/20/21	Specimens Saved <i>Subsample 27 archived in ABL until Oct 2024</i>	

*C4Q2 → 23      B2Q2 → 23  
 B2Q1 → 10      C4Q3 → 40  
 C4Q4 → 19*

Wisconsin Department of Natural Resources

ABL SampleNum: 20201026-59-01

Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed (304100)

SWIMS Database Key: 258672046

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis tricaudatus	L	I	1	Klob 2016		
Ephemera	L	X-XX	20	MCB 2019	imm	N
E-invaria	L	X-I	16	Klob 2016		
E-subvaria	L	III	4	"		
Tetoganopsis deficiens	L	III	4	"		
Leucocitta	L	I	1	<del>MCB 2019</del> Klob 2016		
Maccaffertium	L	III	4	Klob 2016		
M. modestum	L	I	1	"		
M. vicarium	L	III	4	"		
Allocaenia	L	II	2	MCB 2019		
Paracaenia angulata	L	II	2	Hitch 1974		
Nemouridae	L	I	1	MCB 2019		
Paragnetina medra	L	III	3	Hils 1995		
Isoperla	L	I	1	MCB 2019	imm	
Taeniopteryx burksi	L	III	4	Fuller 1980	imm	
T. nivalis	L	I	1	"		
Glossopsoma	L	II	2	MCB 2019	imm	
Ceratopsyche	L	I	1	Hils 1995	imm	N
C. glossopoda	L	XI	11	Schm Hils 1986		
C. sparna	L	II	7	"		
Cheumatopsyche	L	III	4	MCB 2019		
Hydropsyche betteni	L	I	1	Schm Hils 1986		
Psychomyia flavida	L	I	1	Hils 1995		
Oligoneurus	L	II	7	MCB 2019	imm	N
O. fastidiosus	A	II	2	Hils Schm 1992		
O. trivittatus	L, A	II	2	"		
Atherix variegata	L	II	2	Hils 1995		
Gammarus pseudolimnaeus	A	II	2	Hils 1972		
Maidinae	A	I	1	Kath Brin 1998		
Ceratopogonidae						
<del>Aptil A2 Chironomidae</del>	L	X-XX				
Brillia	L	II	2	And et al 2013	imm	
Tvetenia bavaria group	L	II	2	Bode 1983		
Cladotanytarsus	L	I	1	And et al 2013		
Mesopelopia	L	II	2	"		
Orthocladiinae	L	I	1	"	imm	Y

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