

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

**Station Summary**

<b>Waterbody Name</b> UNNAMED	<b>Waterbody ID Code</b> 316500	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20171009-45-02
<b>Sampling Location</b> 1 m us		<b>Database Key</b> 149418106

<b>SWIMS Station ID</b> 10040711	<b>SWIMS Station Name</b> UNNAMED TRIB TO BEAR CREEK 3M US HILLVIEW RD
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<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
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<b>Basin (WMU)</b> WOLF RIVER	<b>Watershed Name</b> WOLF RIVER - NEW LONDON AND BEAR CRI	<b>County</b> OUTAGAMIE
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> ANDREW HUDAK	<b>Project Name</b> EAST DISTRICT FOLLOW UP MONITORING FOR IMPAIREME
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**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> 6	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 10	<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: Follow-up site

<b>Water Temp. (C)</b> 15.9	<b>D.O. (mg/l)</b> 7.7	<b>D.O. (%sat.)</b> 78.5	<b>pH (su)</b> 7.9	<b>Conductivity (umhos/cm)</b> 1654	<b>Transparency (cm)</b> 7122
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<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.1	<b>Average Stream Width of reach (m)</b> 2
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 10  
 Sand: 20 Clay: \_\_\_\_\_ Silt/Muck: 10 Overhanging Vegetation: 50  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other ( ): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 70 = **Canopy Cover at Sample Site (%)** 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	N	N	Chlorine	U	U
- Filamentous Algae	U	U	Dissolved Oxygen	U	U
- Planktonic Algae	N	N	Nutrients (P, N...)	PH	PL
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	N	N
Macrophytes	N	N	- Organic (PCBs, pesticides...)	U	U
Slimes	N	N	Other - Specify:		
Other - Specify:			<b>Sources of Stream Impacts</b>		
			Bank Erosion	N	N
<b>Physical</b>			Point Source - Specify:	N	N
Bank Erosion	U	U	Pasturing of Livestock	PL	PL
Channelization: - Upstream	U	U	Runoff: - Barnyard	PH	PL
- Downstream	U	U	- Construction	U	U
Hydraulic Scour / Channel Incision	U	U	- Cropland	PL	PL
Impoundment: - Upstream	N	N	- Urban	N	N
- Downstream	N	N	Septic Systems	U	U
Low Flow	U	U	Tile Drainage - Organic Soils	U	U
Sedimentation	U	U	- Mineral Soils	U	U
Sludge	N	N	Springs	N	N
Thermal	N	N	Tributary(s)	N	N
Turbidity	N	N	Wetland	N	N
Other - Specify:			Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>20%</i>
Date Processed <i>11/16/17</i>	Specimens Saved <i>subsample archived in ABC until Mar 2021</i>	

E1 49 A2-115  
 #E251 - = 200  
 11/18 → 21

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Oligostomis acelligera</i>	L	I	1	Hilsenhoff 1995		
<i>Chaobius rusticus</i>	L	I	1	Bright 2005		
<i>Cranibus</i>	L	I	1	Largo 1996		
<i>Acanthocyclops vernalis</i>	A	I	1	Hilsenhoff 1995c		
<i>Neoporus viridatus</i>	A	I	1	Hilsenhoff 1995a		
<i>Laccobius reflexipennis</i>	A	I	1	Hilsenhoff 1995c		
Cumuliidae	LA	II	2	White, Raych-2008		
<i>Helophorus orientalis</i>	A	I	1	Hilsenhoff 1995b		
<del>Ext Ceratopogonidae</del>	L	III	3	Hilsenhoff 1995	dam	N
<i>Colicoides</i>	L	III	9	"		
<i>Probezzia</i>	L	8	40	"		
<i>Bezzia/Balptomysia</i>	L	8x-1	56	"		
<i>Pericoma</i>	L	II	2	"		
<i>Chrysops</i>	L	-	5	"		
<i>Pedicia</i>	L	III	3	"		
<i>Pilaria</i>	L	II	2	"		
<i>Tipula</i>	L	II	2	"		
<i>Hyalella</i>	A	I	1	Pennak 1978		
<i>Craugonyx</i>	A	III	3	Holsinger 1972	fem	
<i>Caecidotea</i>	A	I	1	Williams 1972	fem	
<i>Enchytraeidae</i>	A	-	5	Braun, G.H. 1991		
Tribicoid Naididae w/ capillitium chaetae	A	X-1	16	Eisen et al 2008		
<i>Pseudosuccinea columella</i>	A	I	1	Burch 1982		
<i>Stagnicola</i>	A	II	2	Brown 1991		
<i>Gymnulus delectus</i>	A	I	1	Burch 1982		
<i>Pisidium</i>	A	-	5	Burch 1972		
<del>Split A3 Chironomidae</del>	L	II JSD				
<i>Conchapelopia</i>	L	II	2	Cranston 2013		
<i>Orthocladinae</i> 08300000	L	III	3	Cranston 2013	mt indet/imm	N
<i>Diplocladius</i>	L	III	4	Ander+3 2013		
<i>Hydrobaenus</i>	L	II	2	"		
<i>Limnophyes</i>	L	-	5	"		
<i>Paraphaenocladus</i>	L	-1	6	"		
<i>Chironomus</i> sp. VA	L	II	2	Epler 2001		
<i>Chironomus/Orthocladus</i>	L	II	2	Ferr et al 2008	imm	
<i>Chironominae</i> 08300000	L	I	1	Cranston 2013	imm	N

