

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

Station Summary						
<b>Waterbody Name</b> MOSQUITO CREEK			<b>Waterbody ID Code</b> 1396600		<b>Sample ID (YYYYMMDD-CY-FD)</b> 20181022-72-03	
<b>Sampling Location</b> Sampled r. Hfle upstream of Stone Rd bridge					<b>Database Key</b> 169405416	
<b>SWIMS Station ID</b> 10012110		<b>SWIMS Station Name</b> MOSQUITO CREEK - MOSQUITO CREEK AT STONE ROAD - STATION 3				
<b>Latitude</b> 44.48143466	<b>Longitude</b> -89.84187388		<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS			<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> CENTRAL WISCONSIN			<b>Watershed Name</b> WISCONSIN RAPIDS		<b>County</b> WOOD	
Sample and Site Descriptors						
<b>Sample Collector (Last Name, First)</b> TAYLOR HASZ				<b>Project Name</b> WEST DISTRICT NC STREAM STRATIFIED SITES 2018		
<b>Sampling Device</b>						
<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: _____						
<b>Habitat Sampled</b>						
<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> 15	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 2		<b>Number of Samples in Composite</b> 1		<b>Replicate No.</b> 1 <b>of</b> 1	
<b>Reason For Sampling</b>						
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input checked="" type="checkbox"/> Other: <u>NCSR</u>						
<b>Water Temp. (C)</b>	<b>D.O. (mg/l)</b>	<b>D.O. (% sat.)</b>	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b>		<b>Transparency (cm)</b>
<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 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)		
<b>Measured Velocity</b> circle units m/s or f/s		<b>Average Stream Depth of reach (m)</b>		<b>Average Stream Width of reach (m)</b>		
<b>Composition of Substrate Sampled (Percent):</b>						
Bedrock: _____		Boulders (basketball or larger): <u>20</u>	Rubble (tennisball to basketball): <u>30</u>		Gravel (ladybug to tennisball): <u>20</u>	
Sand: <u>20</u>		Clay: _____		Silt/Muck: _____		Overhanging Vegetation: _____
Aquatic Macrophytes: <u>10</u>		Leaf Snags: _____		Coarse Woody Debris: _____		Other ( _____ ): _____
<b>Embeddedness of Substrate at Sample Site (%)</b> <u>20</u>				<b>Canopy Cover at Sample Site (%)</b> <u>30</u>		

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

Comments  
 Collected from a upstream Riffle area, entire station is in a pasture

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter Sovanna Erickson	Taxonomist Dimitri Jeffrey	Estimated Percent of Sample Sorted 53%
Date Processed 8/27/2019	Specimens Saved Subsample archived in ABC until Oct 2022	

B1	C2	C3	D3	B3	E3	D2	E2	Total:
13	16	14	21	24	10	17	16	133

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Allocapnia</i>	L	11	2	Hils 1995		
<i>Procladius nubripictus</i>	L	1	1	KWh 2016	dam	
<i>Coenis punctata</i>	L	2	1	"		
<i>Stenonema femoratum</i>	L	1	1	"		
<i>Maccaffertium</i>	L	1	1	"	dam	N
<i>M. vicarium</i>	L	XV	12	"		
<i>Leptophlebia</i>	L	1	5	"	imm	
Coenagrionidae	L	-1	6	West May 1996	imm	
<i>Platnemis lydia</i>	L	1	1	Hils 1995		
<i>Helicopsyche borealis</i>	L	III	3	"		
<i>Cheumatopsyche</i>	L	1	5	"		
Limnephilidae	L	<del>IX</del> III	18	"	imm	N <del>10</del> <del>10</del> <del>10</del>
<i>Platycentropus amicus</i>	L	"	2	Wigg 1996		
<i>Pycnopsyche</i>	L	"	2	Hils 1995		
<i>Ptilostomus</i>	L	1	1	"		
<i>Dibriophra</i>	A	1	1	Hils Schum 1992	dam	
<i>Optioservus</i>	L	"	2	"	imm	N
<i>O. fastidius</i>	L	X-III	18	"		
<i>Liodesus affinis</i>	A	1	1	Hils 1994		
<i>Peltodytes edentulus</i>	A	1	1	Hils Berg 1978		
<i>Helophorus</i>	A	1	1	Hils 1995 b	dam	
<i>Chrysops</i>	L	1	1	Hils 1995		
Picranota	L	-1	6	"		
<i>Tipula</i>	L	<del>III</del> I	1	"		
<i>Cnecidotea racovitzai racovitzai</i>	A	-1	6	Wulf 1972		
<i>Sigara signata</i>	A	1	1	Hils 1984a		
Naidinae	A	"	2	Bronceid 1991		Y
<i>Slavina appendiculata</i>	A	III	3	Kath Brink 1998		
<i>Stylaria lacustris</i>	A	1	5	"		
Tubificinae (with hairs)	A	"	2	Klemm 1985		
Physa	A	III	33 <del>32</del>	Thorp Bog 2016		
<i>Cyprinus deflexus</i>	A	8xIII	53	Burch 1989		
<del>split A3 Chironomidae</del>	L	11 <del>10</del>				
<i>Natansia baltimorea</i>	L	1	1	Epler 2001		
<i>Procladius (Holotanyus)</i>	L	1	5	Cran Epl 2013		
<i>Threnemanniomyia</i> group	L	III	3	"	imm	
<i>Cricotopus (Isocladius) sylvestris</i> group	L	III	3	Andt 3 2013		

