

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name MULLET RIVER		Waterbody ID Code 53400	Sample ID (YYYYMMDD-CY-FD) 20171026-60-01
Sampling Location R: 1/11e at start of station		Database Key 149295966	
SWIMS Station ID 10008194	SWIMS Station Name MULLET RIVER - MULLET RIVER UPSTREAM OF CTHY CJ		
Latitude 43.7922	Longitude -88.0101	Lat/Long Determination Method (circle) SWIMS <u>SWDV</u> GPS	Datum Used if using GPS <u>WGS84</u> or NAD83
Basin (WMU) SHEBOYGAN		Watershed Name MULLET RIVER	County SHEBOYGAN

Sample and Site Descriptors	
Sample Collector (Last Name, First) CRAIG HELKER	Project Name SER LONG-TERM TREND WADEABLE REFERENCE STREAMS

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

Total Sampling Time (min)	Estimated Area Sampled (m ²)	Number of Samples in Composite	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 7.85	D.O. (mg/l) 11.27	D.O. (% sat.) 98.3	pH (su) 7.70	Conductivity (umhos/cm) 718.8	Transparency (cm) 420
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Water Color

Clear Turbid Stained

Estimated Stream Velocity (m/s)

Slow (< 0.15 m/s) Moderate (0.15 m/s - 0.5 m/s) Fast (> 0.5 m/s)

Measured Velocity 3.9	circle units m/s or f/s	Average Stream Depth of reach (m) .8	Average Stream Width of reach (m) 9
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): 40
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 10 Canopy Cover at Sample Site (%) 70

Thomson
 9891943
 rd. in rd.

Sorter: Sam Cameron

Date sorted: 11/9/18

Taxonomist: Dimick, Jeffrey
Subsample archived in ABL
until Jan 2022

HBI 13%

2E 2A
106 146 252 total

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Paragnetina media</i>	L	-1	6	Hils 1995		
<i>Taeniopteryx nivalis</i>	L		4	Full Stew 1980		
<i>Tetaganopsis deficiens</i>	L	0-1	24	Klüh 2016		
<i>Lewerocarta</i>	L		3	"		
<i>Maccaffertium</i>	L	0-111	42	"	imm	N
<i>M. mediopunctatum</i>	L	1	1	"		
<i>M. modestum</i>	L	8x1	51	"		
<i>M. vicarium</i>	L	1	1	"		
<i>Glossosoma</i>	L	-	5	Hils 1995	imm	N
<i>G. intermedium</i>	L	-	8	Wym Mar 2000		
<i>Pontopella</i>	L	1	1	Hils 1995		
<i>Helicopsyche borealis</i>	L	1	1	"		
<i>Hydropsyche</i>	L	1	1	"	imm	
<i>Ceratopsyche</i>	L		5	"	imm	N
<i>C. branta</i>	L		4	Schm Hils 1986		
<i>C. albedra</i>	L		4	"		
<i>C. stossanae</i>	L	2x1	11	"		
<i>C. sparna</i>	L		2	"		
<i>Limnophilidae</i>	L	1	1	Hils 1995		
<i>Chimarra atroxima</i>	L		2	Hils 1982		
<i>Psychomyia flavida</i>	L	1	1	Hils 1995		
<i>Opiaservus</i>	L	x	10	Hils Schm 1992	imm	N
<i>O. fastiditus</i>	L	-	9	"		
<i>Stenelmis</i>	L	-1	6	"		N
<i>S. crenata</i>	A	1	1	"		
<i>Beckenus herricki</i>	L	-1	6	"		
<i>Atherix variegata</i>	L	1	1	Hils 1995		
<i>Nemerochromia</i>	L		2	Court Mar 2008		
<i>Simulium</i>	L	1	1	Adl et al 2004	dam	
<i>Antocha</i>	L		3	Hils 1995		
<i>Dicranota</i>	L	1	1	"		
<i>Tvetenia</i>	P	1	1	Ferretal 2008		N
<i>Sphaerium</i>	A	1	1	Burch 1972		
<i>split As Chironomidae</i>	L	→ J/D				
<i>Brillia</i>	L	1	1	Ander+3 2013	imm	N
<i>B. flavicornis</i>	L		2	Epler 2001		

