

S.L. Sp

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED		Waterbody ID Code 18100	Sample ID (YYYYMMDD-CY-FD) 20171013-41-01
Sampling Location Upstream of headcut/waterfall in riffle			Database Key 68 149364525
SWIMS Station ID 10039174		SWIMS Station Name BUTLER CREEK AT CAMPBELL CT	
Latitude 43.11194	Longitude -88.08040	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) MILWAUKEE RIVER		Watershed Name MENOMONEE RIVER	County WAUKESHA

Sample and Site Descriptors

Sample Collector (Last Name, First) CRAIG HELKER	Project Name MENOMONEE RIVER TWA 2017
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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

Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Men. River TWA 2017

Water Temp. (C) 14.87	D.O. (mg/l) 7.42	D.O. (%sat.) 74.8	pH (su) 7.55	Conductivity (umhos/cm) 1351	Transparency (cm) 1120
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <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)
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Measured Velocity 0.5	circle units m/s or f/s	Average Stream Depth of reach (m) 0.5	Average Stream Width of reach (m) 5.85
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 40
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 0 **Canopy Cover at Sample Site (%)** 100

Kayla Wilcox
 B2=44 E2=38 =128
 C1=11 C2=35

Dimick, Keffrey
 subsample archived in B2 unbol Sept 2021
 6/4/18
 HBI = 27%

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Stenacron interpunctatum</i>	L		2	Klun 2016		
<i>Calopteryx maculata</i>	L		3	West May 1991		
<i>Chumatopsycha</i>	L	-	5	Hils 1995		
<i>Hydropsyche betteni</i>	L		3	Schm Hils 1986		
<i>Chimarra obscura</i>	L	I	1	Hils 1982		
<i>Polycentropus</i>	L		4	Hils 1995		
<i>Dubiraphia quadrinata</i>	A	A	1	Hils Schm 1992		
<i>Nemerochromia</i>	L	-	8	Gurt Meir 2008		
<i>Tipula</i>	L	I	1	Hils 1995		
<i>Parametriocnemus</i>	P		2	Ferr et al 2008		
<i>Craspedonotus pseudogracilis</i> ^{SD} complex	A	x-	17	Hils 1972 Zhang Hils 2004		
<i>Caecidotea intermedia</i>	A	x-I	16	Will 1972		
<i>Dugesiiidae</i>	A	-	9	Thorp Cox 2016		
<i>tribitropid Naididae w/o hairs</i>	A	I	1	Erse et al 2008		
<i>Ephedella punctata punctata</i>	A		2	Klemm 1985		
<i>Pisidium</i>	A	I	1	Burch 1972		
<i>Split A3 Chimarronidae</i>	L	 SD				
<i>Coelocleptis</i>	L	I	1	Gran Epl 2013		
<i>Orthocladinae</i> 0030000	L	I	1	Cranston 2013	imm	N
<i>Brillia</i>	L		2	Ander +3 2013	imm	
<i>Corynoneura</i>	L	I	1	"		
<i>Parakiefferiella</i>	L	I	1	"		
<i>Parametriocnemus</i>	L	-I	6	"		N
<i>Nanocladius (Nanocladius) spiniferus</i>	L	I	1	Epler 2001		
<i>Chironominae</i> 00330000	L		4	Cranston 2013	mt indet imm	N
<i>Microsectra</i>	L		3	Epl et al 2013		
<i>Microtendipes pedellus</i> group	L		2	"		
<i>Paratanytarsus</i>	L	-	8	"	mt indet	N
<i>P. sp. A</i>	L	I	2	Hils unpubl		
<i>Paratendipes</i>	L	I	1	Epl et al 2013		
<i>Proenopsectra flavipes</i>	L		4	Bolton 2012		
<i>Polypedilum (Polypedilum) fallax</i> group	L		4	"		
<i>P. (P.) illinoense</i> group	L	-	9	"		
<i>Rhyacotanytarsus</i>	L	-	7	Epl et al 2013		
<i>Tanytarsus</i>	L	I	1	"		