

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name MILWAUKEE RIVER		Waterbody ID Code 15000	Sample ID (YYYYMMDD-CY-FD) 20171026-46-01
Sampling Location DS of Hwy T			Database Key 150242655
SWIMS Station ID 10037908	SWIMS Station Name MILWAUKEE RIVER US CTH T		
Latitude 43.2929	Longitude -87.9456	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) MILWAUKEE RIVER		Watershed Name MILWAUKEE RIVER SOUTH	County OZAUKEE

Sample and Site Descriptors

Sample Collector (Last Name, First) CRAIG HELKER	Project Name EAST DISTRICT NC STREAM STRATIFIED SITES 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 (m ²) 1	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: Natural Community

Water Temp. (C) 10.0	D.O. (mg/l) 12.26	D.O. (% sat.) 112.6	pH (su) 8.38	Conductivity (umhos/cm) 838.4	Transparency (cm) +120
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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 type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity 2.3	circle units m/s or (f/s)	Average Stream Depth of reach (m) 0.9	Average Stream Width of reach (m) ~40m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 30
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 20 Canopy Cover at Sample Site (%) 0

Note: sampled in riffle ds of Hwy T ~ 240m ds of T
 Kenawick B3 = 135
 8/22/18 EI = 85
 Taxonomist: Dimick, Jeffrey
 subsample archived in ABZ until Dec 2021

(13) 10

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Taeniopteryx</i>	L	I	1	Hils 1995	imm	N
<i>T. nivalis</i>	L	III	3	Foil stew 1980		
<i>Baetis flavistriga</i> group	L	I	1	Klich 2016		
<i>Aeschna cyanea</i>	L	I	1	"		
<i>Platania dubius</i>	L	III	3	"		
<i>Stenonema</i>	L	-	5	"	imm	N
<i>S. intermedium</i>	L	I	1	"		
<i>Leucocrota</i>	L	X	10	"		
<i>Mesochorus</i>	L	X-III	17	"	imm	N
<i>M. medianum</i>	L	X-III	18	"		
<i>M. terminatum</i>	L	II	2	"		
<i>Anthopotamus myops</i>	L	-I	6	"		
<i>Triaenodes</i>	L	B-X-III	58	"		
<i>Procladius</i>	L	X-XI	22	Hils 1995		
<i>Chaetopteryx</i>	L	-III	8	"		
<i>Hydropsyche evansi</i>	L	I	1	Schm Hils 1986		
<i>Ceratopsyche branta</i>	L	II	2	"		
<i>C. macosa bifida</i> form	L	-	5	"		
<i>Chimarra obscura</i>	L	II	2	Hils 1982		
<i>Pedonkila</i>	L	I	1	Hils 1995		
<i>Stenelmis</i>	L	-III	8	Hils Schm 1982		
<i>Antenna</i>	L	I	1	Hils 1995		
<i>Orthocladus (Orthocladus)</i>	P	I	1	Cooper et al 1986		
<i>Helophila stagnalis</i>	A	I	1	Klemm 1985		
<i>Pleurocera</i>	A	I	1	Brown 1991		
<i>Pisidium</i>	A	I	1	Burch 1972		
Salicid Chironomidae	L	-III				
<i>Thremmanimyia</i> group	L	I	1	CranEpl 2013		
<i>Orthocladus (Orthocladus)</i>	L	III	3	Ander+3 2013		
<i>Cricotopus / Orthocladus</i>	L	I	1	Ferret et al 2008		N
<i>Chironomidae 08330000</i>	L	I	1	Cranston 2013	mt-incl	Y
<i>Cladotanytarsus</i>	L	II	2	Epl et al 2013		
<i>Microtendipes pedellus</i> group	L	III	4	"		
<i>Nilothauma</i>	L	I	1	"		
<i>Polypedilum (Urosipedilum) flavum</i>	L	01	21	Bolton 2012		
<i>Rhytanytarsus</i>	L	-III	8	Epl et al 2013		

