

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name MENOMONEE RIVER		Waterbody ID Code 16000	Sample ID (YYYYMMDD-CY-FD) 20171013-41-01
Sampling Location Rille ~ 110m us of SOS			Database Key 67 149364541
SWIMS Station ID 10016339		SWIMS Station Name MENOMONEE RIVER - APPROX. 25 FT US OF LILAC RD AT SCHOEN LAUFEN PARK	
Latitude 43.21485	Longitude -88.13952	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 WASHINGTON

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

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: Men. River TWA

Water Temp. (C) 15.09	D.O. (mg/l) 6.05	D.O. (% sat.) 61.8	pH (su) 7.4	Conductivity (umhos/cm) 1069	Transparency (cm) ~80
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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 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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Measured Velocity -15 circle units m/s or f/s	Average Stream Depth of reach (m)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 20
 Sand: 30 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 30 Canopy Cover at Sample Site (%) 20

D1=491 7% sort Kiersten Czarnecki
 Dimick, Jeffrey
 subsample archived in ABL until Sept 2021

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis	L	1	1	Kluth 2016	dam	N
B. flavistriga species complex	L	1	1	"		
Hydropsychidae	L	III	3	Hils 1995	imm	N
Cnemidopsycha	L	888-IV	128	"		
Hydropsyche	L	IIII	4	"	imm	N
H. betteni	L	8III	44	Schm Hils 1996		
Hydropsila	L	I	1	Hils 1995		
Limnephilidae	L	I	1	"		
Psychomyia flavida	L	I	1	"		
Optioservus	L	III	3	Hils Schm 1992	imm	N
O. fastidiosus	L	III	3	"		
Stenelmis	L	-	5	"		
Empididae	L	II	2	Cout Merr 2008	dam	N
Uemeroptomyia	L	X-III	19	"		
Simulium vittatum species complex 00110217	L	II	2	Ader et al 2004		
Simulium	P	I	1	"		N
Theremanniella	P	I	1	Ferr et al 2008		
Hyalella azteca	A	I	1	Soucek et al 2015		
Caeridopora	A	II	2	Will 1972	imm	
Climacia areolaris	L	X-1	16	Hils 1995		
Egobdellidae	A	I	1	Davies 1991	dam	
Gynaulus deflexus	A	I	1	Burch 1982		
Nydrobiidae	A	I	1	Brown 1991		
Sphaerium	A	X	10	Burch 1972		
Salix A3 Chironomidae	L	X-III				
Pentaneura inornata	L	II	2	Cran, Epl 2013		
Orthocladinae 0930000	L	I	1	Cranston 2013	imm	N
Cricotopus/Orthocladus	L	II	2	Ferr et al 2008	imm	N
Cricotopus (Cricotopus) bicinctus group	L	I	1	Ader + 3 2013		
C. (C.) fremulus group	L	I	1	"		
Chironominae 08330000	L	I	1	Cranston 2013	imm	N
Micropsectra	L	L	1	Epl et al 2013		
Microtendipes pedellus group	L	8II	32	"		
Polypedilum	L	I	1	"	mt indet	N
P. (Polypedilum) illinoense group	L	-1	6	Bolton 2012		
P. (Tripodura) scalanum group	L	II	2	"		

< 3 taxa, TVAL ≤ 2.0