

MLR-08

State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.wi.gov

**Wadeable Macroinvertebrate
Field Data Report**
Form 3200-081 (R 8/14) Page 1 of 2

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name MILWAUKEE RIVER	Waterbody ID Code 15000	Sample ID (YYYYMMDD-CY-FD) 20201008-20-34
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Sampling Location US Happy Road	Database Key 249875094
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SWIMS Station ID 10017088	SWIMS Station Name MAIN BRANCH MILWAUKEE RIVER - 800 FEET WEST OF HAPPY RD. NORTH OF F.
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Latitude 43.6432	Longitude -88.3074	Lat/Long Determination Method (circle) SWIMS <u>SWDV</u> GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) MILWAUKEE RIVER	Watershed Name EAST AND WEST BRANCHES MILWAUKEE R.	County FOND DU LAC
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Sample and Site Descriptors

Sample Collector (Last Name, First) CRAG HELKER Schmitz, Amanda	Project Name MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRATE
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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) 3	Estimated Area Sampled (m²) 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: Milwaukee River Sampling

Water Temp. (C) 12.53	D.O. (mg/l) 13.68	D.O. (% sat.) 129.2	pH (su)	Conductivity (umhos/cm) 761.8	Transparency (cm)
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Water Color <input type="checkbox"/> Clear <input checked="" 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 circle units m/s or f/s	Average Stream Depth of reach (m) .5	Average Stream Width of reach (m) 7
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Composition of Substrate Sampled (Percent):

Bedrock: _____ **Boulders** (basketball or larger): _____ **Rubble** (tennisball to basketball): 10 **Gravel** (ladybug to tennisball): 60
Sand: 10 **Clay:** _____ **Silt/Muck:** 10 **Overhanging Vegetation:** 10
Aquatic Macrophytes: _____ **Leaf Snags:** _____ **Coarse Woody Debris:** _____ **Other ()::** _____

Embeddedness of Substrate at Sample Site (%) 20
Canopy Cover at Sample Site (%) 10%