

MLR-02

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**

<b>Waterbody Name</b> MILWAUKEE RIVER	<b>Waterbody ID Code</b> 15000	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20200925-46-02
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<b>Sampling Location</b> DS and adjacent to Saukville WTP outfall	<b>Database Key</b> 251835601
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<b>SWIMS Station ID</b> 10034833	<b>SWIMS Station Name</b> MILWAUKEE RIVER DS SAUKVILLE WASTEWATER PLANT DISCHARGE
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<b>Latitude</b> 43.37454	<b>Longitude</b> -87.94276	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <b>GPS</b>	<b>Datum Used if using GPS</b> <b>WGS84</b> or NAD83
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<b>Basin (WMU)</b> MILWAUKEE RIVER	<b>Watershed Name</b> MILWAUKEE RIVER SOUTH	<b>County</b> OZAUKEE
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> CRAIG HELKER	<b>Project Name</b> MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRATA
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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

<b>Total Sampling Time (min)</b> 2	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 2	<b>Number of Samples in Composite</b> 2	<b>Replicate No.</b> _____ <b>of</b> _____
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**Reason For Sampling**

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

<b>Water Temp. (C)</b>	<b>D.O. (mg/l)</b>	<b>D.O. (% sat.)</b>	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b>	<b>Transparency (cm)</b> 120
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<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <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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<b>Measured Velocity</b> 0.65	circle units m/s or <b>f/s</b>	<b>Average Stream Depth of reach (m)</b> 1.1	<b>Average Stream Width of reach (m)</b> 25
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): 20 Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): 30

Sand: 10 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_

Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other ( \_\_\_\_\_ ): \_\_\_\_\_

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