

**Instructions:** Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> MENOMONEE RIVER	<b>Waterbody ID Code</b> 16000	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20171013-41-301
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<b>Sampling Location</b> Riffle vs of 505, second bend	<b>Database Key</b> 153169049
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<b>SWIMS Station ID</b> 10039676	<b>SWIMS Station Name</b> MENOMONEE RIVER AT N MENOMONEE RIVER PKWY AND W CONGRESS ST
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<b>Latitude</b> 43.0965	<b>Longitude</b> -88.0558	<b>Lat/Long Determination Method (circle)</b> SWIMS <u>SWDV</u> GPS	<b>Datum Used if using GPS</b> <u>WGS84</u> or NAD83
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<b>Basin (WMU)</b> MILWAUKEE RIVER	<b>Watershed Name</b> MENOMONEE RIVER	<b>County</b> MILWAUKEE
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> CRAIG HELKER	<b>Project Name</b> MENOMONEE RIVER TWA 2017-2019
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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> 1	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1	<b>Number of Samples in Composite</b> 1	<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: Men. River TWA

<b>Water Temp. (C)</b> 15.22	<b>D.O. (mg/l)</b> 8.41	<b>D.O. (%sat.)</b> 85.5	<b>pH (su)</b> 7.84	<b>Conductivity (umhos/cm)</b> 1039	<b>Transparency (cm)</b> 70
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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 type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)
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<b>Measured Velocity</b> 2.0	circle units m/s or (15)	<b>Average Stream Depth of reach (m)</b> 1.0	<b>Average Stream Width of reach (m)</b> 10.0
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**Composition of Substrate Sampled (Percent):**

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

**Embeddedness of Substrate at Sample Site (%)** 40     **Canopy Cover at Sample Site (%)** 0

Kiersten Czarnecki 3) B2-29 130 total percent  
 2) A1: 25 > 70 4) D2-31 Sorted 27%  
 1) E2: 45 5) E3  
 6) C3 X Dimick, Jeffrey  
 subsample archived in ABC until Sept 2021

