

Sample in 2 jars

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> MUKWONAGO RIVER	<b>Waterbody ID Code</b> 765500	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161028-68-02
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<b>Sampling Location</b> 1.0m US of Hwy 83 bridge	<b>Database Key</b> 136774748
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<b>SWIMS Station ID</b> 10010534	<b>SWIMS Station Name</b> MUKWONAGO RIVER (1) - UPSTREAM OF HWY 83
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<b>Latitude</b> 42.85642	<b>Longitude</b> -88.32887	<b>Lat/Long Determination Method (circle)</b> <u>SWIMS</u> SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or <u>NAD83</u>
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<b>Basin (WMU)</b> FOX (IL)	<b>Watershed Name</b> MUKWONAGO RIVER	<b>County</b> WAUKESHA
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> RACHEL SABRE	<b>Project Name</b> SER LONG-TERM TREND WADEABLE REFERENCE STREAMS
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**Sampling Device**

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 min	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1 m <sup>2</sup>	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u> of <u>2</u>
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**Reason For Sampling**

Least Impacted Reference       Baseline       Impact / Treatment Site  
 Control Site       Trend       Other: \_\_\_\_\_

<b>Water Temp. (C)</b> 9.89	<b>D.O. (mg/l)</b> 10.55	<b>D.O. (% sat.)</b> 96.2	<b>pH (su)</b> 8.09	<b>Conductivity (umhos/cm)</b> 639.7	<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 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> _____ circle units _____ m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.3 m	<b>Average Stream Width of reach (m)</b> 2.0 m
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): 20 Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 50  
 Sand: 10 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: 10 Coarse Woody Debris: \_\_\_\_\_ Other (\_\_\_\_): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) 10 Canopy Cover at Sample Site (%) 0