

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> BLACK RIVER	<b>Waterbody ID Code</b> 50300	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161031-60-05
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<b>Sampling Location</b> 20m US CTH KK bridge	<b>Database Key</b> 133795150
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<b>SWIMS Station ID</b> 603341	<b>SWIMS Station Name</b> BLACK RIVER - UPSTREAM OF CTH KK
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<b>Latitude</b> 43.58620	<b>Longitude</b> -87.80712	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV <u>GPS</u>	<b>Datum Used if using GPS</b> WGS84 or <u>NAD83</u>
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<b>Basin (WMU)</b> SHEBOYGAN	<b>Watershed Name</b> BLACK RIVER	<b>County</b> SHEBOYGAN
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> DYLAN OLSON	<b>Project Name</b> BLACK AND BARR FRONTAL LAKE MICHIGAN TWA 2016
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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> 3min	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 2m <sup>2</sup>	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> <u>1</u> <b>of</b> <u>1</u>
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 10.3	<b>D.O. (mg/l)</b> 10.4	<b>D.O. (% sat.)</b> 95.5	<b>pH (su)</b> 8.0	<b>Conductivity (umhos/cm)</b> 833.0	<b>Transparency (cm)</b> 45
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<b>Water Color</b> <input type="checkbox"/> Clear <input checked="" 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> → circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.20m	<b>Average Stream Width of reach (m)</b> 45m
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 50

Sand: 40 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 (%)** 90

