

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> UNNAMED	<b>Waterbody ID Code</b> 50400	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161101-60-04
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<b>Sampling Location</b> 1st Riffle DS of 12th St. bridge	<b>Database Key</b> 133795170
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<b>SWIMS Station ID</b> 603234	<b>SWIMS Station Name</b> UNNAMED CREEK AT 12TH STREET
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<b>Latitude</b> 43.70964	<b>Longitude</b> -87.72004	<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> 2min	<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> 15.9	<b>D.O. (mg/l)</b> 9.5	<b>D.O. (% sat.)</b> 98.3	<b>pH (su)</b> 8.1	<b>Conductivity (umhos/cm)</b> 494.0	<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> 0.30	<b>Average Stream Width of reach (m)</b> 3.5
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 30  
 Sand: 20 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: 40 Coarse Woody Debris: \_\_\_\_\_ Other ( \_\_\_\_\_ ): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) 10 Canopy Cover at Sample Site (%) 70

D1: 18 C1: 13 C3: 27 C2: 13  
 A1: 25 D2: 21 E1: 21  
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**Stream and Watershed Descriptors**

N = Not a problem  
 U = Uncertain  
 PL = Present, Low Impact  
 PH = Present, High Impact

Factors that may be influencing Water Resource Integrity		Local	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
<b>Biological</b>				<b>Chemical</b>			
Algae: - Diatoms / Periphyton				Chlorine			
- Filamentous Algae				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes				- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				<b>Sources of Stream Impacts</b>			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
Channelization: - Upstream				Runoff: - Barnyard			
- Downstream				- Construction			
Hydraulic Scour / Channel Incision				- Cropland			
Impoundment: - Upstream				- Urban			
- Downstream				Septic Systems			
Low Flow				Tile Drainage - Organic Soils			
Sedimentation				- Mineral Soils			
Sludge				Springs			
Thermal				Tributary(s)			
Turbidity				Wetland			
Other - Specify:				Other - Specify:			

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Bonnie Richards</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>47</i>
Date Processed <i>12-29-16</i>	Specimens Saved <i>Subsample archived in ABC unit Mar 2020</i>	