

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 50400	Sample ID (YYYYMMDD-CY-FD) 20161101-60-04
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Sampling Location 1st Riffle DS of 12th St. bridge	Database Key 133795170
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SWIMS Station ID 603234	SWIMS Station Name UNNAMED CREEK AT 12TH STREET
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Latitude 43.70964	Longitude -87.72004	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) SHEBOYGAN	Watershed Name BLACK RIVER	County SHEBOYGAN
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Sample and Site Descriptors

Sample Collector (Last Name, First) DYLAN OLSON	Project Name 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

Total Sampling Time (min) 2min	Estimated Area Sampled (m²) 2m ²	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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Reason for Sampling

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

Water Temp. (C) 15.9	D.O. (mg/l) 9.5	D.O. (% sat.) 98.3	pH (su) 8.1	Conductivity (umhos/cm) 494.0	Transparency (cm) +120
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <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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Measured Velocity — circle units m/s or f/s	Average Stream Depth of reach (m) 0.30	Average Stream Width of reach (m) 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
 (138)

