

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name WATERCRESS CREEK	Waterbody ID Code 39000	Sample ID (YYYYMMDD-CY-FD) 20161021-60-04
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Sampling Location 1st Riffle US of Station Start	Database Key 134807311
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SWIMS Station ID 10008873	SWIMS Station Name WATERCRESS CREEK - UPSTREAM OF WATERCRESS ROAD
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Latitude 43.71688	Longitude -88.13028	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	Datum Used if using GPS WGS84 or <u>NAD83</u>
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Basin (WMU) MILWAUKEE RIVER	Watershed Name EAST AND WEST BRANCHES MILWAUKEE R	County SHEBOYGAN
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Sample and Site Descriptors

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

Total Sampling Time (min) 1 min	Estimated Area Sampled (m²) 1 m ²	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 10.5	D.O. (mg/l) 9.9	D.O. (% sat.) 91.3	pH (su) 7.4	Conductivity (umhos/cm) 762.8	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 checked="" type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input 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) .15 m	Average Stream Width of reach (m) 3.0 m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 75
 Sand: 25 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 30 **Canopy Cover at Sample Site (%)** 50

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
Biological				Chemical			
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:				Sources of Stream Impacts			
				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>Macayla Greider</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>7%</i>
Date Processed <i>5/10</i>	Specimens Saved <i>Subsample archived in ADL until Nov 2020</i>	

D2-129

