

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name WATERCRESS CREEK		Waterbody ID Code 39000	Sample ID (YYYYMMDD-CY-FD) 20201006-60-01
Sampling Location SOS			Database Key 250470580
SWIMS Station ID 10008873		SWIMS Station Name WATERCRESS CREEK - UPSTREAM OF WATERCRESS ROAD	
Latitude 43.7172	Longitude -88.1309	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) MILWAUKEE RIVER		Watershed Name EAST AND WEST BRANCHES MILWAUKEE R	County SHEBOYGAN

Sample and Site Descriptors

Sample Collector (Last Name, First) Helker, Craig	Project Name SER LONG-TERM TREND WADEABLE REFERENCE STREAM
Sampling Device	
<input checked="" type="checkbox"/> D-Frame Kick Net	<input type="checkbox"/> Surber Sampler
<input type="checkbox"/> Ponar	<input type="checkbox"/> Artificial Substrate
<input type="checkbox"/> Eckman	<input type="checkbox"/> Hess Sampler
<input type="checkbox"/> Other: _____	

Habitat Sampled

<input checked="" type="checkbox"/> Riffle	<input type="checkbox"/> Run	<input type="checkbox"/> Pool
<input type="checkbox"/> Other	<input type="checkbox"/> Shoreline Composite	<input type="checkbox"/> Proportionally-Sampled Habitat
<input type="checkbox"/> Littoral Zone	<input type="checkbox"/> Profundal Zone	<input type="checkbox"/> Wetland

Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. 1 of 5
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Reason For Sampling

<input type="checkbox"/> Least Impacted Reference	<input type="checkbox"/> Baseline	<input type="checkbox"/> Impact / Treatment Site
<input type="checkbox"/> Control Site	<input checked="" type="checkbox"/> Trend	<input type="checkbox"/> Other: _____

Water Temp. (C) 11.13	D.O. (mg/l) 9.89	D.O. (% sat.) 91.2	pH (su) 7.99	Conductivity (umhos/cm) 1105	Transparency (cm) +170
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Water Color	Estimated Stream Velocity (m/s)
<input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	<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)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.2	Average Stream Width of reach (m) 3
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 70	Gravel (ladybug to tennisball): 30
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other ():: _____

Embeddedness of Substrate at Sample Site (%) 40	Canopy Cover at Sample Site (%) 10
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20201006-60-01
 Station # 10008873
 Sample 1 of 1
 Watercress Creek -US Watercress Rd
 WBIC 39000
 Craig Helker
 LTT Wadeable Reference Stream

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:			
Physical				Pasturing of Livestock			
Bank Erosion				Runoff: - Barnyard			
Channelization: - Upstream				- Construction			
- Downstream				- Cropland			
Hydraulic Scour / Channel Incision				- Urban			
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation				Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Trevor Raatz</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>9.38 %</i>
Date Processed <i>11/15/2021</i>	Specimens Saved <i>subsample archived in ABL label Feb 2022</i>	

B2Q4: 30
A4Q2: 7:86
A4Q4: 21:51
B2Q1: 21:107
B2Q3: 28:79
A4Q3: 27:134
B2Q2:
A4Q1:

134

