

TC-01

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name UNNAMED		Waterbody ID Code 20400	Sample ID (YYYYMMDD-CY-FD) 20201029-41-03
Sampling Location @ Cedarburg Rd		Database Key 253999646	
SWIMS Station ID 10033530		SWIMS Station Name TRINITY CREEK AT CEDARBURG RD MEQUON	
Latitude 43.20032	Longitude -87.96892	Lat/Long Determination Method (circle) SWIMS <u>SWDV</u> GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) MILWAUKEE RIVER		Watershed Name MILWAUKEE RIVER SOUTH	County OZAUKEE

Sample and Site Descriptors	
Sample Collector (Last Name, First) Holtz, Craig	Project Name MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRA

Sampling Device

D-Frame 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	Estimated Area Sampled (m ²) 1	Number of Samples in Composite	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 6.21	D.O. (mg/l) 10.31	D.O. (% sat.) 83.1	pH (su)	Conductivity (umhos/cm) 1364	Transparency (cm) 120
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Water Color

Clear Turbid Stained

Estimated Stream Velocity (m/s)
 Slow (< 0.15 m/s) Moderate (0.15 m/s - 0.5 m/s) Fast (> 0.5 m/s)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.5	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): _____ Gravel (ladybug to tennisball): 60

Sand: 30 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 70 Canopy Cover at Sample Site (%) 10

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter RRV	Taxonomist Dimitri Jeffray	Estimated Percent of Sample Sorted 5%
Date Processed 02/10/2021	Specimens Saved Subsample archived in AAC until Feb 2024	

E2 Q3 B3 Q2 E2 Q1 ~~B2 Q3~~ ~~E2 Q4~~
 41 50 45

Specs = 136
 $\frac{3}{60} \times 100 = 5\%$

