

Instructions: Bold fields must be completed.

Station Summary				
Waterbody Name UNNAMED		Waterbody ID Code 22000		Sample ID (YYYYMMDD-CY-FD) 20191104-46-05
Sampling Location OS Cedar Sauk Road				Database Key 220742819
SWIMS Station ID 10012522		SWIMS Station Name MUD CREEK SOUTH OF CEDAR SAUK RD.		
Latitude 43.3672	Longitude -88.0390	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS <u>WGS84</u> or NAD83
Basin (WMU) MILWAUKEE RIVER		Watershed Name CEDAR CREEK		County OZAUCKEE
Sample and Site Descriptors				
Sample Collector (Last Name, First) CRAIG HELKER			Project Name MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRA	
Sampling Device				
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <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) 2	Estimated Area Sampled (m²) 2	Number of Samples in Composite		Replicate No. _____ of _____
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 type="checkbox"/> Trend <input checked="" type="checkbox"/> Other: _____				
Water Temp. (C) 6.7	D.O. (mg/l) 10.45	D.O. (% sat.) 83.6	pH (su)	Conductivity (umhos/cm) 293.8
Water Color			Estimated Stream Velocity (m/s)	
<input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained			<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)	
Measured Velocity 2.25 m/s or <u>f/s</u>		Average Stream Depth of reach (m) -6	Average Stream Width of reach (m) 3.5	
Composition of Substrate Sampled (Percent):				
Bedrock: _____		Boulders (basketball or larger): <u>20</u>	Rubble (tennisball to basketball): <u>40</u>	Gravel (ladybug to tennisball): <u>30</u>
Sand: <u>10</u>		Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (_____): _____
Embeddedness of Substrate at Sample Site (%) <u>30</u>		Canopy Cover at Sample Site (%) <u>20</u>		

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 Eric Naas	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 6/16/2020	Specimens Saved Subsample archived in ABL until Aug 2023	

E2 B1
 70 63 = 133

