

KK-01

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name KINNICKINNIC RIVER			Waterbody ID Code 15100		Sample ID (YYYYMMDD-CY-FD) 20201029-41-42	
Sampling Location DS 6th Street					Database Key 253999594	
SWIMS Station ID 413741		SWIMS Station Name KINNICKINNIC RIVER AT 43RD ST. (Note: near off in SWIMS)				
Latitude 42.99975	Longitude -87.91844		Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) MILWAUKEE RIVER			Watershed Name KINNICKINNIC RIVER		County MILWAUKEE	
Sample and Site Descriptors						
Sample Collector (Last Name, First) Sabre, Rachel				Project Name MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRATA		
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 checked="" 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 (m ²) 1		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: <u>Milwaukee Supling</u>						
Water Temp. (C) 7.64	D.O. (mg/l) 15.61	D.O. (% sat.) 131.3	pH (su) 7.4	Conductivity (umhos/cm) 1661	Transparency (cm) 120	
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 checked="" 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) 0.3m		Average Stream Width of reach (m) 7m		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): 20	Rubble (tennisball to basketball): 20		Gravel (ladybug to tennisball): 40	
Sand: _____		Clay: _____		Silt/Muck: _____		Overhanging Vegetation: _____
Aquatic Macrophytes: _____		Leaf Snags: 20		Coarse Woody Debris: _____		Other (_____): _____
Embeddedness of Substrate at Sample Site (%) 10			Canopy Cover at Sample Site (%) 0			

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 <i>Roatz, Trevor</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>51.2</i>
Date Processed <i>2/12/21</i>	Specimens Saved <i>Subsample 129</i>	<i>arrived in ABC lab Feb 2021</i>

*B1: 9 C3: } 15: 87
 E2: 11: 20 D3: }
 C2: 21: 41 A1: } 42: 129
 A2: 31: 72 A3: }*

1911
1912
1913

1914

1915