

Tichigan Creek @ Marsh Road
 Station # 10041826
 Sample 1 of 1
 20181023-52-03
 Rachel Sabre

State of Wisconsin
 Department of Natural Resources
 PO Box 7291, Madison WI 5
 dnr.wi.gov

Wadeable Macroinvertebrate
 Field Data Report
 Form 3200-081 (R 8/14) Page 1 of 2

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name TICHIGAN CREEK			Waterbody ID Code 763700		Sample ID (YYYYMMDD-CY-FD) 20181023-52-03	
Sampling Location					Database Key 169406784	
SWIMS Station ID 10041826		SWIMS Station Name TICHIGAN CREEK AT MARSH RD				
Latitude 42.8002571	Longitude -88.2427635		Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) FOX (IL)			Watershed Name MIDDLE FOX RIVER - ILLINOIS		County RACINE	
Sample and Site Descriptors						
Sample Collector (Last Name, First) RACHEL SABRE				Project Name MIDDLE ILLINOIS FOX RIVER TWA 2018 SABRE		
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 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 checked="" type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland						
Total Sampling Time (min) 1 min		Estimated Area Sampled (m ²) 1 m ²		Number of Samples in Composite 1		Replicate No. 1 of 1
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: TWA						
Water Temp. (C) 10.09	D.O. (mg/l) 9.69	D.O. (% sat.) 88.1	pH (su) 6.49	Conductivity (umhos/cm) 867.9	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) 2m		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____		Gravel (ladybug to tennisball): _____
Sand: 20		Clay: _____		Silt/Muck: 5		Overhanging Vegetation: _____
Aquatic Macrophytes: 75		Leaf Snags: _____		Coarse Woody Debris: _____		Other (): _____
Embeddedness of Substrate at Sample Site (%) _____				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	Watershed	Factors that may be influencing Water Resource Integrity		Local	Watershed
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>Sam Lamarche</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>66%</i>
Date Processed <i>4/20/19</i>	Specimens Saved <i>Subsample archived in ABZ until July 2022</i>	

BZ CZ DZ E3 A3 E2 A1 C3 C1 D3
 14 15 14 15 11 22 15 6 11 32 156 total