

Unn. Trib. to Tichigan @ Hwy O  
 Station # 10051267  
 Sample 1 of 1  
 20181023-52-05  
 Rachel Sabre

State of Wisconsin  
 Department of Natural Res  
 PO Box 7291, Madison WI  
 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 UNNAMED		Waterbody ID Code 763900		Sample ID (YYYYMMDD-CY-FD) 20181023-52-05	
Sampling Location				Database Key 169406792	
SWIMS Station ID 10051267		SWIMS Station Name UNNAMED TRIB TO TICHIGAN @ HWY O			
Latitude 42.8180057	Longitude -88.2775986	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 checked="" type="checkbox"/> Other <i>aa. Pluv</i>		<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) <i>1m</i>	Estimated Area Sampled (m <sup>2</sup> ) <i>1/2 m<sup>2</sup></i>	Number of Samples in Composite <i>1</i>		Replicate No. <i>1</i> of <i>1</i>	
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: <i>TWA</i>	
Water Temp. (C) <i>9.72</i>	D.O. (mg/l) <i>8.20</i>	D.O. (% sat.) <i>73.9</i>	pH (su) <i>7.54</i>	Conductivity (umhos/cm) <i>911.9</i>	Transparency (cm) <i>120</i> <i>583.6</i>
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 <i>m/s or f/s</i>		Average Stream Depth of reach (m) <i>0.3m</i>		Average Stream Width of reach (m) <i>4m</i>	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____	
Sand: _____		Clay: _____		Gravel (ladybug to tennisball): _____	
Aquatic Macrophytes: <i>10</i>		Leaf Snags: <i>30</i>		Silt/Muck: <i>10</i>	
Coarse Woody Debris: _____		Overhanging Vegetation: <i>47.50</i>		Other (____): _____	
Embeddedness of Substrate at Sample Site (%) <i>6%</i>			Canopy Cover at Sample Site (%) <i>0%</i>		

**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
<b>Biological</b>				<b>Chemical</b>			
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:				<b>Sources of Stream Impacts</b>			
				Bank Erosion			
				Point Source - Specify:			
				Pasturing of Livestock			
<b>Physical</b>				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>40%</i>
Date Processed <i>4/23/19</i>	Specimens Saved <i>Subsample archived in ABL cabinet Jul 2022</i>	

D2 B3 B2 A3 A1 E2  
 29 11 16 36 23 22

*137 total*