

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

D-Frame Kick Net
 Surber Sampler
 Eckman
 Ponar
 Artificial Substrate
 Hess Sampler
 Other: _____

Habitat Sampled

Riffle
 Run
 Pool
 Other *aa. Pluv*
 Shoreline Composite
 Proportionally-Sampled Habitat
 Littoral Zone
 Profundal Zone
 Wetland

Total Sampling Time (min) 1m	Estimated Area Sampled (m²) 1/2 m ²	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
--	---	--	---

Reason For Sampling

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

Water Temp. (C) 9.72	D.O. (mg/l) 8.20	D.O. (% sat.) 73.9	pH (su) 7.54	Conductivity (umhos/cm) 911.9	Transparency (cm) 120 <i>720</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 _____ m/s or f/s	Average Stream Depth of reach (m) 0.3m	Average Stream Width of reach (m) 4m
--	--	--

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
 Sand: _____ Clay: _____ Silt/Muck: 10 Overhanging Vegetation: 47.50
 Aquatic Macrophytes: 10 Leaf Snags: 30 Coarse Woody Debris: _____ Other (____): _____
 Embeddedness of Substrate at Sample Site (%) 60 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>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

