

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name MILL BROOK			Waterbody ID Code 769400		Sample ID (YYYYMMDD-CY-FD) 20181115-68-06	
Sampling Location					Database Key 169406744	
SWIMS Station ID 10011255		SWIMS Station Name MILL BROOK - MILL BROOK AT CENTER RD (5M UPSTREAM)				
Latitude 42.911213	Longitude -88.248024	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 WAUKESHA	
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 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) 1min	Estimated Area Sampled (m ²) 0.5m	Number of Samples in Composite 1			Replicate No. <u>1</u> of <u>1</u>	
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>TWA Middle Fox</u>						
Water Temp. (C) 3.45	D.O. (mg/l) 13.28	D.O. (% sat.) 102.3	pH (su) 8.18	Conductivity (umhos/cm) 1163	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 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) 0.1m		Average Stream Width of reach (m) 1.5m		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): <u>20%</u>		Gravel (ladybug to tennisball): <u>30%</u>
Sand: <u>20%</u>		Clay: _____		Silt/Muck: _____		Overhanging Vegetation: <u>10%</u>
Aquatic Macrophytes: _____		Leaf Snags: <u>10%</u>		Coarse Woody Debris: <u>10%</u>		Other (____): _____
Embeddedness of Substrate at Sample Site (%) <u>20%</u>				Canopy Cover at Sample Site (%) <u>40%</u>		

**Mill Brook @ Center Rd
 Station #10011255
 Sample 1 of 1
 Rachel Sabre
 20181115-68-06**

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>Abby Adams</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>53%</i>
Date Processed <i>4-27-19</i>	Specimens Saved <i>Subsample archived in ABL under 1 Jul 2022</i>	

A2 C3 A1 E1 C1 B1 B3 B2
 10 9 20 16 40 7 11 13
 Total = 126