

Instructions: Bold fields must be completed.

Station Summary						
Waterbody Name PEBBLE BROOK			Waterbody ID Code 769500		Sample ID (YYYYMMDD-CY-FD) 20181115-68-01	
Sampling Location					Database Key 169406764	
SWIMS Station ID 10009311		SWIMS Station Name PEBBLE BROOK 2 UPSTREAM OF BIG BEND ROAD				
Latitude 42.969894	Longitude -88.22388	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) 0.5m²		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 middle fox						
Water Temp. (C) 0.87	D.O. (mg/l) 10.88	D.O. (% sat.) 78.6	pH (su) 7.01	Conductivity (umhos/cm) 1436		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) 0.15m		Average Stream Width of reach (m) 3m		
Composition of Substrate Sampled (Percent):						
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 20%		Gravel (ladybug to tennisball): 30%
Sand: 25%		Clay: _____		Silt/Muck: 5%		Overhanging Vegetation: 10%
Aquatic Macrophytes: _____		Leaf Snags: 10%		Coarse Woody Debris: _____		Other (_____): _____
Embeddedness of Substrate at Sample Site (%) 20%				Canopy Cover at Sample Site (%) 20%		

**Pebble Brook US of Big Bend Road
 Station #10009311
 Sample 1 of 1
 Rachel Sabre
 20181115-68-01**

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:			
Physical				Pasturing of Livestock			
Bank Erosion				Runoff: - Barnyard			
Channelization: - Upstream				- Construction			
- Downstream				- Cropland			
Hydraulic Scour / Channel Incision				- Urban			
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation				Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
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>47%</i>
Date Processed <i>4/25/19</i>	Specimens Saved <i>Subsample archived in ABC mtd 1 Jul 2022</i>	

B2 D2 B1 C2 E1 A3 C5
21 16 17 25 13 15 34

141 total