

Instructions: **Bold** fields must be completed.

Station Summary			
Waterbody Name POPLAR CREEK		Waterbody ID Code 772800	Sample ID (YYYYMMDD-CY-FD) 20201007 - 68-30
Sampling Location		Database Key 250470549	
SWIMS Station ID 10040235		SWIMS Station Name POPLAR CREEK AT W CLEVELAND AVE 0.2 MI W OF S CALHOUN RD	
Latitude 42.99298693	Longitude -88.133023	Lat/Long Determination Method (circle) (SWIMS) SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) FOX (IL)		Watershed Name UPPER FOX RIVER - ILLINOIS	County WAUKESHA

Sample and Site Descriptors	
Sample Collector (Last Name, First) Sabre, Rachel	Project Name SOUTH DISTRICT NC STREAM STRATIFIED SITES 2019

Sampling Device

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

Habitat Sampled

Riffle
 Run
 Pool
 Other
 Shoreline Composite
 Proportionally-Sampled Habitat
 Littoral Zone
 Profundal Zone
 Wetland

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

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

Water Temp. (C) 12.11	D.O. (mg/l) 8.98	D.O. (% sat.) 84.4	pH (su) 7.12	Conductivity (umhos/cm) 2015	Transparency (cm) 120+
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" 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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.1m	Average Stream Width of reach (m) 2.5m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 50
 Sand: 30 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 40% Canopy Cover at Sample Site (%) 20%

20201007-68-30
 Station # 10040235
 Sample 1 of 1
 Poplar Creek - DS of Hwy D
 WBIC 772800
 Rachel Sabre
 S District NC Streams Stratified 2019

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>Rachael Valeria</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>18.8%</i>
Date Processed <i>10/9/21</i>	Specimens Saved <i>Subsample archived in ABL until Nov 2024</i>	

B3 A1 D2 B4 D4 C1
 25 93
 153

