

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name ARTESIAN BROOK	Waterbody ID Code 765200	Sample ID (YYYYMMDD-CY-FD) 20181115-68-08
Sampling Location		Database Key 169406728

SWIMS Station ID 10032416	SWIMS Station Name ARTESIAN BROOK AT EDGEWOOD AVE.		
Latitude 42.886387	Longitude -88.217834	Lat/Long Determination Method (circle) SWIMS SWDV GPS	
Basin (WMU) FOX (IL)		Watershed Name MIDDLE FOX RIVER - ILLINOIS	Datum Used if using GPS WGS84 or NAD83
County WAUKESHA			

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
 Shoreline Composite
 Proportionally-Sampled Habitat
 Littoral Zone
 Profundal Zone
 Wetland

Total Sampling Time (min) 1m2	Estimated Area Sampled (m²) 1m2	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C) 4.94	D.O. (mg/l) 11.57	D.O. (% sat.) 92.9	pH (su) 8.02	Conductivity (umhos/cm) 452.9	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) 0.15m	Average Stream Width of reach (m) 2.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10% Gravel (ladybug to tennisball): 20%
 Sand: 50% Clay: _____ Silt/Muck: 10% Overhanging Vegetation: _____
 Aquatic Macrophytes: 10% Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 20% **Canopy Cover at Sample Site (%)** 50%

**Artesian Brook @ Edgewood Ave
 Station #10032416
 Sample 1 of 1
 Rachel Sabre
 20181115-68-08**

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			Factors that may be influencing Water Resource Integrity		
Local	Water-shed		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	
Physical				Point Source - Specify:	
	Bank Erosion			Pasturing of Livestock	
	Channelization: - Upstream			Runoff: - Barnyard	
	- Downstream			- Construction	
	Hydraulic Scour / Channel Incision			- Cropland	
	Impoundment: - Upstream			- Urban	
	- Downstream			Septic Systems	
	Low Flow			Tile Drainage - Organic Soils	
	Sedimentation			- Mineral Soils	
	Sludge			Springs	
	Thermal			Tributary(s)	
	Turbidity			Wetland	
	Other - Specify:			Other - Specify:	

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Jovanna Erickson</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>33%</i>
Date Processed <i>4-29-19</i>	Specimens Saved <i>Subsample archived in ABL water Jul 2022</i>	

D1 E2 D3 B3 E1 C2 D2 A3 B2 B1 C1
28 31 16 29 25
 Total: 129

