

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

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

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

<b>Sample and Site Descriptors</b>	
<b>Sample Collector (Last Name, First)</b> RACHEL SABRE	<b>Project Name</b> 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

<b>Total Sampling Time (min)</b> 1m2	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1m2	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 4.94	<b>D.O. (mg/l)</b> 11.57	<b>D.O. (% sat.)</b> 92.9	<b>pH (su)</b> 8.02	<b>Conductivity (umhos/cm)</b> 452.9	<b>Transparency (cm)</b> 120
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<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <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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<b>Measured Velocity</b> — circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.15m	<b>Average Stream Width of reach (m)</b> 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			Local	Water-shed	Factors that may be influencing Water Resource Integrity			Local	Water-shed
<b>Biological</b>					<b>Chemical</b>				
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:					<b>Sources of Stream Impacts</b>				
					Bank Erosion				
<b>Physical</b>					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*