

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

Station Summary		
<b>Waterbody Name</b> SCUPPERNONG RIVER	<b>Waterbody ID Code</b> 817600	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20191024-68-04
<b>Sampling Location</b> ② ZZ		<b>Database Key</b> 208175737

<b>SWIMS Station ID</b> 10020631	<b>SWIMS Station Name</b> SCUPPERNONG RIVER - 1395 METERS UPSTREAM OF CTHY ZZ		
<b>Latitude</b> 42.934044	<b>Longitude</b> -88.469505	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	
<b>Basin (WMU)</b> LOWER ROCK		<b>Watershed Name</b> SCUPPERNONG RIVER	<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>County</b> WAUKESHA			

Sample and Site Descriptors	
<b>Sample Collector (Last Name, First)</b> Sabre, Rachel	<b>Project Name</b> SER LONG-TERM TREND WADEABLE REFERENCE STREAM

**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> 1 min	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 0.5 m <sup>2</sup>	<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: \_\_\_\_\_

<b>Water Temp. (C)</b> 9.60	<b>D.O. (mg/l)</b> 9.47	<b>D.O. (% sat.)</b> 252.2	<b>pH (su)</b> 10.62	<b>Conductivity (umhos/cm)</b> 1036	<b>Transparency (cm)</b> 120
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**Water Color**

Clear     
  Turbid     
  Stained

**Estimated Stream Velocity (m/s)**

Slow (< 0.15 m/s)     
  Moderate (0.15 m/s - 0.5 m/s)     
  Fast (> 0.5 m/s)

<b>Measured Velocity</b> _____ circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.1 m	<b>Average Stream Width of reach (m)</b> 1.0 m
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 10% Gravel (ladybug to tennisball): 60%  
 Sand: 10% Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: 10% Leaf Snags: 10% Coarse Woody Debris: \_\_\_\_\_ Other ( \_\_\_\_\_ ): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 20% **Canopy Cover at Sample Site (%)** 30%

**Scuppernong River @ US CTHY ZZ**  
 20191024-68-04  
 Station # 10020631  
 Sabre, Rachel

**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			
				Point Source - Specify:			
				Pasturing of Livestock			
<b>Physical</b>				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>Dimock, Jeffrey</i>	Estimated Percent of Sample Sorted <i>3.1%</i>
Date Processed <i>2/1/2022</i>	Specimens Saved <i>Subsample archived in ABC until Mar 2025</i>	

C3 A4 D2  
 Q1-91 Q4-111  
 Q2- Q2-

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