

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> 20171026-68-01
<b>Sampling Location</b>				<b>Database Key</b> 150685644	
<b>SWIMS Station ID</b> 10020631		<b>SWIMS Station Name</b> SCUPPERNONG RIVER - 1395 METERS UPSTREAM OF CTH ZZ			
<b>Latitude</b> 42.934044	<b>Longitude</b> -88.469505		<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS		<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>Basin (WMU)</b> LOWER ROCK		<b>Watershed Name</b> SCUPPERNONG RIVER		<b>County</b> WAUKESHA	
Sample and Site Descriptors					
<b>Sample Collector (Last Name, First)</b> RACHEL SABRE			<b>Project Name</b> SER LONG-TERM TREND WADEABLE REFERENCE STREAMS		
<b>Sampling Device</b>					
<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: _____	
<b>Habitat Sampled</b>					
<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	
<b>Total Sampling Time (min)</b> 1 min	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1 m <sup>2</sup>		<b>Number of Samples in Composite</b> 1		<b>Replicate No.</b> 1 <b>of</b> 1
<b>Reason For Sampling</b>					
<input type="checkbox"/> Least Impacted Reference		<input type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input checked="" type="checkbox"/> Trend		<input type="checkbox"/> Other: _____	
<b>Water Temp. (C)</b> 9.67	<b>D.O. (mg/l)</b> 9.51	<b>D.O. (% sat.)</b> 86.7	<b>pH (su)</b> 7.23	<b>Conductivity (umhos/cm)</b> 198.3	<b>Transparency (cm)</b> 120
<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)		
<b>Measured Velocity</b> - circle units m/s or f/s		<b>Average Stream Depth of reach (m)</b> 0.2m		<b>Average Stream Width of reach (m)</b> 10m	
<b>Composition of Substrate Sampled (Percent):</b>					
Bedrock: _____		Boulders (basketball or larger): 10	Rubble (tennisball to basketball): 10	Gravel (ladybug to tennisball): 60	
Sand: 20		Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____	
Embeddedness of Substrate at Sample Site (%) 10%			Canopy Cover at Sample Site (%) 30%		

Scuppernong River 1395M US of CTH ZZ  
 Sample # 20171026-68-01  
 Station # 10020631  
 Rachel Sabre

**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:			
<b>Physical</b>				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 Murphy Steiner	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 10/18/18	Specimens Saved Subsample archived in ABI under Jan 2022	

2 E 38  
 3 C 106  
 TOTAL = 144