

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name SCUPPERNONG RIVER		Waterbody ID Code 817600	Sample ID (YYYYMMDD-CY-FD) 20161028-68-01
Sampling Location Buffle DS of Deep Pool		Database Key 136774743	
SWIMS Station ID 10020631		SWIMS Station Name SCUPPERNONG RIVER - 1395 METERS UPSTREAM OF CTHY ZZ	
Latitude 42.934044	Longitude -88.469505	Lat/Long Determination Method (circle) <u>SWIMS</u> SWDV GPS	Datum Used if using GPS WGS84 or <u>NAD83</u>
Basin (WMU) LOWER ROCK		Watershed Name SCUPPERNONG RIVER	County WAUKESHA

Sample and Site Descriptors	
Sample Collector (Last Name, First) RACHEL SABRE	Project Name SER LONG-TERM TREND WADEABLE REFERENCE STREAMS

Sampling Device

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) 1 min	Estimated Area Sampled (m ²) 1 m ²	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: _____

Water Temp. (C) 9.7	D.O. (mg/l) 9.93	D.O. (%sat.) 90.2	pH (su) 7.48	Conductivity (umhos/cm) 746.3	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 checked="" 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) 0.2m	Average Stream Width of reach (m) 3m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 20
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: 10 Leaf Snags: 10 Coarse Woody Debris: 20 Other (____): _____
 Embeddedness of Substrate at Sample Site (%) 20 Canopy Cover at Sample Site (%) 20

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			
				Runoff: - Barnyard			
				- Construction			
				- Cropland			
				- Urban			
				Septic Systems			
				Tile Drainage - Organic Soils			
				- Mineral Soils			
				Springs			
				Tributary(s)			
				Wetland			
				Other - Specify:			
Physical							
Bank Erosion							
Channelization: - Upstream							
- Downstream							
Hydraulic Scour / Channel Incision							
Impoundment: - Upstream							
- Downstream							
Low Flow							
Sedimentation							
Sludge							
Thermal							
Turbidity							
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Macayla Greider</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>15-17 13</i>
Date Processed <i>5-15-17</i>	Specimens Saved <i>subsampling archived in ABC until Nov 2020</i>	

*E2 78
 C1 62
 140*

