

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

Station Summary					
Waterbody Name <b>KOSHKONONG CREEK</b>		Waterbody ID Code 808800		Sample ID (YYYYMMDD-CY-FD) 20161013-13-09	
Sampling Location <i>400 m upstream of Hoopen Road</i>				Database Key 135920491	
SWIMS Station ID 133024		SWIMS Station Name KOSHKONONG CREEK AT HOOPEN ROAD (CTH C)			
Latitude <i>42.95499</i>	Longitude <i>89.02857</i>	Lat/Long Determination Method (circle) SWIMS SWDV <b>GPS</b>		Datum Used if using GPS <b>WGS84</b> or NAD83	
Basin (WMU) LOWER ROCK		Watershed Name LOWER KOSHKONONG CREEK		County DANE	
Sample and Site Descriptors					
Sample Collector (Last Name, First) MICHAEL SORGE			Project Name KOSHKONONG CREEK TWA 2016		
Sampling Device					
<input checked="" type="checkbox"/> 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: _____	
Habitat Sampled					
<input type="checkbox"/> Riffle		<input checked="" 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	
Total Sampling Time (min) <i>5</i>	Estimated Area Sampled (m <sup>2</sup> ) <i>3.5</i>	Number of Samples in Composite		Replicate No. <i>1</i> of <i>1</i>	
Reason For Sampling					
<input type="checkbox"/> Least Impacted Reference		<input checked="" type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input type="checkbox"/> Other: _____	
Water Temp. (C) <i>12.5</i>	D.O. (mg/l) <i>9.8</i>	D.O. (% sat.) <i>91.5</i>	pH (su) <i>8.2</i>	Conductivity (umhos/cm) <i>508</i>	Transparency (cm) <i>74</i>
Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			Estimated Stream Velocity (m/s) <input 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)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m)		Average Stream Width of reach (m)	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): <i>10</i>	Rubble (tennisball to basketball): <i>10</i>	Gravel (ladybug to tennisball): <i>50</i>	
Sand: <i>30</i>		Clay: _____		Silt/Muck: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____	
Other (_____): _____					
Embeddedness of Substrate at Sample Site (%) <i>0</i>			Canopy Cover at Sample Site (%) <i>0</i>		

**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			
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 Andrew Kohlmann	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 1/20/17	Specimens Saved Subsample archived in ABL until Apr 2020	

B2-66  
 A2-142