

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name <u>Little Willow Cr.</u>			Waterbody ID Code <u>1221300</u>		Sample ID (YYYYMMDD-CY-FD) 20161018-53-04
Sampling Location <u>[redacted]</u>				Database Key 135786292	
SWIMS Station ID 10044942		SWIMS Station Name L. WILLOW CR. US WEST WILLOW LN.			
Latitude 43.3602	Longitude -90.3041		Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN			Watershed Name WILLOW CREEK		County RICHLAND
Sample and Site Descriptors					
Sample Collector (Last Name, First) JEAN UNMUTH			Project Name KICKAPOO AND LITTLE WILLOW RIVER MACROINVERTEB		
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) <u>4.0</u>	Estimated Area Sampled (m ²) <u>4.0</u>		Number of Samples in Composite <u>1</u>		Replicate No. _____ of _____
Reason For Sampling					
☐ Least Impacted Reference ☒ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☐ Other: _____					
Water Temp. (C) <u>13.7</u>	D.O. (mg/l) <u>14.7</u>	D.O. (% sat.) <u>140</u>	pH (su) <u>8.6</u>	Conductivity (umhos/cm) <u>7+518</u>	Transparency (cm) <u>71</u>
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)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) <u>0.2</u>		Average Stream Width of reach (m) <u>5.0</u>	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): <u>10</u>	
Sand: <u>20</u>		Clay: _____		Gravel (ladybug to tennisball): <u>40</u>	
Aquatic Macrophytes: _____		Leaf Snags: <u>20</u>		Silt/Muck: _____	
Coarse Woody Debris: <u>10</u>		Overhanging Vegetation: _____		Other (____): _____	
Embeddedness of Substrate at Sample Site (%) <u>20</u>		Canopy Cover at Sample Site (%) <u>80</u>			

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:		
Physical			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 <i>Brian J. Johnson</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>20%</i>
Date Processed <i>3/5/17</i>	Specimens Saved <i>Subsample archived in ABC until Aug 2020</i>	

B2 | B3 | E2
02 | 51 | 43
156