

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name <u>Little Willow Cr. 1221300</u>			Waterbody ID Code		Sample ID (YYYYMMDD-CY-FD) 20161018-53-01
Sampling Location <u></u>				Database Key 135786280	
SWIMS Station ID 10044941		SWIMS Station Name L. WILLOW CR. US RIPPCHEN LN.			
Latitude 43.393	Longitude -90.3078		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>3:04</u>		Estimated Area Sampled (m ²) <u>3.0</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>11.8</u>	D.O. (mg/l) <u>13.1</u>	D.O. (% sat.) <u>122</u>	pH (su) <u>8.3</u>	Conductivity (umhos/cm) <u>583</u>	Transparency (cm) <u>90</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>1.0</u>	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): <u>70</u>	
Sand: <u>20</u>		Clay: _____		Gravel (ladybug to tennisball): <u>10</u>	
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____	
Other (____): _____		Overhanging Vegetation: _____			
Embeddedness of Substrate at Sample Site (%) <u>30</u>		Canopy Cover at Sample Site (%) <u>0</u>			

Stream and Watershed Descriptors

N = Not a problem PL = Present, Low Impact
U = Uncertain 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	N		Chlorine	N	
- Filamentous Algae	PH	PH	Dissolved Oxygen		
- Planktonic Algae	N		Nutrients (P, N...)	U	
Iron Bacteria	N		Toxics: - Inorganic (Metals)	N	
Macrophytes	N		- Organic (PCBs, pesticides...)		
Slimes	N		Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PH	PH
			Point Source - Specify:	N	
			Pasturing of Livestock	PH	PH
Bank Erosion	PH	PH	Runoff: - Barnyard	N	
Channelization: - Upstream	N		- Construction	N	
- Downstream			- Cropland	PH	PH
Hydraulic Scour / Channel Incision	N		- Urban	N	N
Impoundment: - Upstream			Septic Systems		
- Downstream			Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation	PH	PH	Springs		
Sludge	N		Tributary(s)		
Thermal			Wetland		
Turbidity	N		Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Andrew Kohlmann	Taxonomist Dimick, Jeffery	Estimated Percent of Sample Sorted 13%
Date Processed 3/5/17	Specimens Saved Subsample archived in ABC until Aug 2020	

C2-82
E1-227