

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name Little Willow Cr.			Waterbody ID Code 1221300		Sample ID (YYYYMMDD-CY-FD) 20161018-53-03
Sampling Location					Database Key 135786288
SWIMS Station ID 10044943		SWIMS Station Name L. WILLOW CR. DS OF ANDERSON LN.			
Latitude 43.3801	Longitude -90.3068		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) 3.0	Estimated Area Sampled (m ²) 3.0		Number of Samples in Composite 1		Replicate No. _____ of _____
Reason For Sampling					
☐ Least Impacted Reference ☒ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☐ Other: _____					
Water Temp. (C) 12.9	D.O. (mg/l) 14.8	D.O. (% sat.) 139	pH (su) 8.6	Conductivity (umhos/cm) 525	Transparency (cm) 75
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) 0.3		Average Stream Width of reach (m) 2.0	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): 10	Rubble (tennisball to basketball): 30	Gravel (ladybug to tennisball): 40	
Sand: 10		Clay: _____	Silt/Muck: 10	Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____	
Embeddedness of Substrate at Sample Site (%) 30		Canopy Cover at Sample Site (%) 0			

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	N	Chlorine	N	
- Filamentous Algae	PL	PL	Dissolved Oxygen	N	
- Planktonic Algae	N		Nutrients (P, N...)	N	PH
Iron Bacteria	N		Toxics: - Inorganic (Metals)	N	
Macrophytes	N		- Organic (PCBs, pesticides...)		
Slimes	N		Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	PH
			Point Source - Specify:	N	
			Pasturing of Livestock	PLN	PH
			Runoff: - Barnyard	N	
			- Construction	N	
			- Cropland	N	PH
			- Urban	N	
			Septic Systems		
			Tile Drainage - Organic Soils		
			- Mineral Soils		
			Springs		
			Tributary(s)		
			Wetland		
			Other - Specify:		
Physical					
Bank Erosion	N	PH			
Channelization: - Upstream	N				
- Downstream					
Hydraulic Scour / Channel Incision	N				
Impoundment: - Upstream					
- Downstream					
Low Flow	N				
Sedimentation	N	PH			
Sludge	N				
Thermal	N				
Turbidity	N	PH			
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 3/6/17	Specimens Saved Subsample archived in ABL until Aug 2020	

E1-74
B2-129