

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name LITTLE WILLOW CREEK			Waterbody ID Code 1221300		Sample ID (YYYYMMDD-CY-FD) 20161018-53-02
Sampling Location					Database Key 135786284
SWIMS Station ID 10044940		SWIMS Station Name L. WILLOW CR. US OF ANDERSON LN.			
Latitude 43.3872971	Longitude -90.3078445		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) 6.0		Estimated Area Sampled (m ²) 5.0		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) 12.3	D.O. (mg/l) 15.2	D.O. (% sat.) 141	pH (su) 8.4	Conductivity (umhos/cm) 84	Transparency (cm) 84
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) 0.20		Average Stream Width of reach (m) 1.0	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 30	
Sand: 20		Clay: _____		Gravel (ladybug to tennisball): 40	
Silt/Muck: 10		Overhanging Vegetation: _____		Aquatic Macrophytes: _____	
Leaf Snags: _____		Coarse Woody Debris: _____		Other (____): _____	
Embeddedness of Substrate at Sample Site (%) 70		Canopy Cover at Sample Site (%) 0			

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	N		Chlorine	N	
- Filamentous Algae	N		Dissolved Oxygen	N	
- Planktonic Algae	:		Nutrients (P, N...)	PL	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	PL	PH
			Point Source - Specify:	N	
Physical			Pasturing of Livestock	PL	PH
Bank Erosion	PL	PH	Runoff: - Barnyard	N	
Channelization: - Upstream	N		- Construction	N	
- Downstream			- Cropland	N	PH
Hydraulic Scour / Channel Incision	N		- Urban	N	
Impoundment: - Upstream			Septic Systems		
- Downstream			Tile Drainage - Organic Soils		
Low Flow	N		- Mineral Soils		
Sedimentation	PL	PH	Springs		
Sludge	N		Tributary(s)		
Thermal	N		Wetland		
Turbidity	PL	PH	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 20%
Date Processed 3/5/17	Specimens Saved Subsample archived in ABC until Aug 2020	

C1-36
E2-88
B1-127