

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name <u>Camp Creek</u>		Waterbody ID Code <u>1192700</u>		Sample ID (YYYYMMDD-CY-FD) 20161020-53-01	
Sampling Location <u></u>				Database Key 135787064	
SWIMS Station ID 10047146		SWIMS Station Name CAMP CREEK AT RIVER DRIVE			
Latitude 43.504646	Longitude -90.652373	Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83	
Basin (WMU) LOWER WISCONSIN		Watershed Name MIDDLE KICKAPOO RIVER		County RICHLAND	
Sample and Site Descriptors					
Sample Collector (Last Name, First) JOHN DELANEY			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>6.0</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>9.9</u>	D.O. (mg/l) <u>12.8</u>	D.O. (% sat.) <u>113</u>	pH (su) <u>8.2</u>	Conductivity (umhos/cm)	Transparency (cm)
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)		Average Stream Width of reach (m)	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): <u>20</u>	Rubble (tennisball to basketball): <u>50</u>	Gravel (ladybug to tennisball): <u>20</u>	
Sand: _____		Clay: <u>10</u>	Silt/Muck: _____	Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____	
Embeddedness of Substrate at Sample Site (%) _____ Canopy Cover at Sample Site (%) <u>0</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

Recent 10-14" rainfall scoured streambed and may have reduced macroinvertebrates

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Kuhne, Allison	Taxonomist	Dimick, Jeffrey	Estimated Percent of Sample Sorted	100%
Date Processed	3-13-17	Specimens Saved	Subsample retained in ABC archives with:		

C2→5 D2→5 A1→4 B1→4
A3→2 C3→8 E2→5 C1→6 B3→3
E3→6 E1→3 A2→1 D3→6 B2→5