

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name SAND CREEK			Waterbody ID Code 1184800		Sample ID (YYYYMMDD-CY-FD) 20161020-12-05
Sampling Location				Database Key 135786875	
SWIMS Station ID 10013739		SWIMS Station Name SAND CREEK STATIONS 1 AND 2-1970-SW 1/4 SE 1/4 SEC. 34-STARTS AT SAND CREEK			
Latitude 43.292343	Longitude -90.829315		Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN			Watershed Name LOWER KICKAPOO RIVER		County CRAWFORD
Sample and Site Descriptors					
Sample Collector (Last Name, First) JOHN DELANEY			Project Name KICKAPOO AND LITTLE WILLOW RIVER MACROINVERTEBRATE		
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) 10		Estimated Area Sampled (m ²) 4		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) 10.7	D.O. (mg/l) 13.3	D.O. (% sat.) 120	pH (su)	Conductivity (umhos/cm)	Transparency (cm) 120
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) 0.30		Average Stream Width of reach (m) 3.0	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): 15		Rubble (tennisball to basketball): 30	
Sand: 40		Clay: _____		Gravel (ladybug to tennisball): 10	
Silt/Muck: _____		Overhanging Vegetation: _____			
Aquatic Macrophytes: 5		Leaf Snags: _____		Coarse Woody Debris: _____	
Other (____): _____					
Embeddedness of Substrate at Sample Site (%) 50		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			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:		
			Pasturing of Livestock		
Physical			Runoff: - Barnyard		
Bank Erosion	PL		- Construction		
Channelization: - Upstream			- Cropland		
- Downstream			- Urban		
Hydraulic Scour / Channel Incision			Septic Systems		
Impoundment: - Upstream			Tile Drainage - Organic Soils		
- Downstream			- Mineral Soils		
Low Flow			Springs		
Sedimentation			Tributary(s)		
Sludge			Wetland		
Thermal			Other - Specify:		
Turbidity					
Other - Specify:					

Comments

Recent 10-14" rain events scoured streambed, and may have reduced macroinvertebrates

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Kayla Wilcox	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 93%
Date Processed 3/8/17	Specimens Saved Subsample archived in ABL until Aug 2020	

B2:14 C1:8 A2:5 A3:19 B2:8 E1:6 B3:3
E2:6 C3:20 C2:10 E3:5 B1:14 A1:5 D3:7 = Total 130