

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name CITRON CREEK		Waterbody ID Code 1183200	Sample ID (YYYYMMDD-CY-FD) 20161020-12-03
Sampling Location			Database Key 135786603
SWIMS Station ID 10009025		SWIMS Station Name CITRON CREEK #1-BRIDGE ON CTY. E	
Latitude 43.195995	Longitude -90.8938	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) 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) 9.6	D.O. (mg/l) 13.9	D.O. (% sat.) 118	pH (su) 8.2	Conductivity (umhos/cm) 585	Transparency (cm) 7120
------------------------	---------------------	----------------------	----------------	--------------------------------	---------------------------

Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> 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): _____ Rubble (tennisball to basketball): 30 Gravel (ladybug to tennisball): 30
 Sand: 10 Clay: 10 Silt/Muck: _____ Overhanging Vegetation: 10
 Aquatic Macrophytes: 10 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	Watershed	Factors that may be influencing Water Resource Integrity		Local	Watershed
Biological				Chemical			
Algae: - Diatoms / Periphyton			PL	Chlorine			
- Filamentous Algae			N	Dissolved Oxygen			
- Planktonic Algae			N	Nutrients (P, N...)			
Iron Bacteria			N	Toxics: - Inorganic (Metals)			
Macrophytes			N	- Organic (PCBs, pesticides...)			
Slimes			N	Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		PL	PH
				Point Source - Specify:			
				Pasturing of Livestock		PL	PH
Channelization: - Upstream				Runoff: - Barnyard		N	
- Downstream				- Construction		N	
Hydraulic Scour / Channel Incision				- Cropland		N	
Impoundment: - Upstream				- Urban		N	
- Downstream				Septic Systems			
Low Flow			N	Tile Drainage - Organic Soils			
Sedimentation			PL	- Mineral Soils			
Sludge			N	Springs			
Thermal			N	Tributary(s)			
Turbidity			N	Wetland			
Other - Specify:				Other - Specify:			

Comments

Special Instructions for Laboratory

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

For Lab Use Only

Sample Sorter <i>Rhonda Gordicinski</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted 20%
Date Processed 03/07/17	Specimens Saved Subsample archived in ABL until Aug 2020	

A3: 31
 E3: 59 (129)
 D1: 39