

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name WEISTER CREEK	Waterbody ID Code 1194900	Sample ID (YYYYMMDD-CY-FD) 20161020-63-05
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Sampling Location	Database Key 135787060
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SWIMS Station ID 10009921	SWIMS Station Name WEISTER CREEK - WEISTER CREEK STATION 1-2002 STARTS AT CONFLUENCE O
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Latitude 43.62107	Longitude -90.62957	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) LOWER WISCONSIN	Watershed Name MIDDLE KICKAPOO RIVER	County VERNON
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Sample and Site Descriptors

Sample Collector (Last Name, First) JOHN DELANEY	Project Name KICKAPOO AND LITTLE WILLOW RIVER MACROINVERTEB
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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 (m²) 9.0	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

Water Temp. (C) 11.0	D.O. (mg/l) 12.6	D.O. (% sat.) 115	pH (su) 8.3	Conductivity (umhos/cm)	Transparency (cm) 7120
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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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.3	Average Stream Width of reach (m) 11
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): ~~50~~ 70 50 Gravel (ladybug to tennisball): 20

Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: 10 Other (____): _____

Embeddedness of Substrate at Sample Site (%) 20
 Canopy Cover at Sample Site (%) 20

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			
- Filamentous Algae		N		Dissolved Oxygen		N	
- Planktonic Algae		N		Nutrients (P, N...)			
Iron Bacteria		PL		Toxics: - Inorganic (Metals)			
Macrophytes		N		- Organic (PCBs, pesticides...)			
Slimes		N		Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		PL	
				Point Source - Specify:		N	
				Pasturing of Livestock		N	PL
Channelization: - Upstream		N	N	Runoff: - Barnyard		N	PL
- Downstream		N	N	- Construction		N	
Hydraulic Scour / Channel Incision		PL		- Cropland		N	PL
Impoundment: - Upstream		N	N	- Urban		N	N
- Downstream		N		Septic Systems			
Low Flow		N		Tile Drainage - Organic Soils			
Sedimentation		N		- Mineral Soils			
Sludge		N		Springs			P
Thermal		N		Tributary(s)			PL
Turbidity		N		Wetland			PL
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	Kayla Wilcox	Taxonomist	Dimick, Jeffrey	Estimated Percent of Sample Sorted	13%
Date Processed	3/15/17	Specimens Saved	Subsample archived in ABZ (nd) Aug 2020		

C3: 90

B2: 85

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