

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name BILLINGS CREEK		Waterbody ID Code 1196900	Sample ID (YYYYMMDD-CY-FD) 20170912-63-01
Sampling Location			Database Key 150518743
SWIMS Station ID 10009007		SWIMS Station Name BILLINGS CREEK STATION #3 BRG. ON CTH F	
Latitude	Longitude	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 VERNON

Sample and Site Descriptors

Sample Collector (Last Name, First) JEAN UNMUTH	Project Name SCR LONG-TERM TREND WADEABLE REFERENCE STREAMS
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Sampling Device

D-Frame 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) 4.0	Estimated Area Sampled (m²) 3.0	Number of Samples in Composite 0	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)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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 type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" 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) 0.30	Average Stream Width of reach (m) 6.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): 40

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

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

Embeddedness of Substrate at Sample Site (%) 10
Canopy Cover at Sample Site (%) 40

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		N	
- Filamentous Algae		N		Dissolved Oxygen		N	
- Planktonic Algae		N		Nutrients (P, N...)		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	
				Point Source - Specify:		N	
				Pasturing of Livestock		PL	PL
Bank Erosion		PL		Runoff: - Barnyard		N	
Channelization: - Upstream		N		- Construction		N	
- Downstream		N		- Cropland		PL	PL
Hydraulic Scour / Channel Incision		PL		- Urban		N	N
Impoundment: - Upstream		N		Septic Systems		N	
- Downstream				Tile Drainage - Organic Soils		N	
Low Flow		N		- Mineral Soils		N	
Sedimentation		N		Springs		N	
Sludge		N		Tributary(s)			
Thermal		N		Wetland		N	
Turbidity		N		Other - Specify:			
Other - Specify:							

Comments
 Sample poorly preserved *dsj*

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>McPhy skintser</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>20%</i>
Date Processed <i>10/3/18</i>	Specimens Saved <i>Subsample archived in ABC vial Jan 2022</i>	

2C 51 3A 97
2D 1d Total 160