

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name MOORE CREEK	Waterbody ID Code 1200000	Sample ID (YYYYMMDD-CY-FD) 201610194229
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Sampling Location 75m downstream CTH-T bridge	Database Key 142720837
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SWIMS Station ID 10015619	SWIMS Station Name MORRIS (MOORE) CREEK STATION 1 - CTH T BRIDGE IN S23
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Latitude 43.759207	Longitude -90.586924	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 UPPER KICKAPOO RIVER	County MONROE
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Sample and Site Descriptors

Sample Collector (Last Name, First) MICHAEL MILLER	Project Name KICKAPOO AND LITTLE WILLOW RIVER MACROINVERTEB
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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) 10	Estimated Area Sampled (m²) 2	Number of Samples in Composite —	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

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

Water Temp. (C) 10.8	D.O. (mg/l) 12.3	D.O. (% sat.) 110	pH (su)	Conductivity (umhos/cm) 5/6	Transparency (cm) 123+
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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) 5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 80

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

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

Embeddedness of Substrate at Sample Site (%) 20 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				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				- 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 stream bank work, nice-looking benthic habitat, athericids, megaloptera, pteronarcyids,

Special Instructions for Laboratory

pres
-47

For Lab Use Only		
Sample Sorter Taylor Hasz	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 3/23/17	Specimens Saved Subsample archived in ABC vial Sept 20 20	

C1 99
 E1 93

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name <u>Moore Creek</u>		Waterbody ID Code <u>1200000</u>	Sample ID (YYYYMMDD-CY-FD) <u>20161019-42-29</u>
Sampling Location <u>75 m downstream CTH-T</u>			
SWIMS Station ID <u>10015619</u>	SWIMS Station Name		Database Key
Latitude <u>43.759207</u>	Longitude <u>-90.586924</u>	Lat/Long Determination method (circle) <u>SWIMS</u> SWDV GPS	Datum Used if using GPS NAD 27 or NAD83
Basin (WMU)	Watershed Name <u>Kickapoo River</u>		County <u>Monroe</u>

Sample and Site Descriptors	
Sample Collector (Last Name, First) <u>Miller, Michael</u>	Project Name <u>Willow-Kickapoo</u>
Sampling Device	
<input checked="" type="checkbox"/> Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input checked="" type="checkbox"/> Other: <u>D-frame</u>	

Habitat Sampled		
<input checked="" type="checkbox"/> Riffle <input checked="" type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland		

Total Sampling Time (min) <u>10</u>	Estimated Area Sampled (m ²) <u>2</u>	Number of Samples in Composite <u>—</u>	Replicate No. <u>—</u> of <u>—</u>
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Reason for Sampling		
<input type="checkbox"/> Least Impacted Reference <input checked="" type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input type="checkbox"/> Other:		

Water Temp. (C) <u>10.8</u>	D.O. (mg/l) <u>12.3</u>	D.O. (% sat.) <u>110</u>	pH (su)	Conductivity (umhos/cm) <u>516</u>	Transparency (cm) <u>123+</u>
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Water Color	Estimated Stream Velocity (m/s)
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<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 <u>—</u>	circle units mps or cfs	Average Stream Depth of reach (m) <u>0.3</u>	Average Stream Width of reach (m) <u>5</u>
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball.): <u>80</u>
Sand: <u>10</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: <u>10</u>	Leaf Snags: _____	Course Woody Debris: _____	Other (): _____
Embeddedness of Substrate at Sample Site (%) <u>20</u>	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			
Physical				Bank Erosion			
Bank Erosion				Point Source - Specify:			
Channelization - Upstream				Pasturing of Livestock			
- Downstream				Runoff: - Barnyard			
Hydraulic Scour / Channel Incision				- Construction			
Impoundment: - Upstream				- Cropland			
- Downstream				- Urban			
Low Flow				Septic Systems			
Sedimentation				Tile Drainage - Organic Soils			
Sludge				- Minerals soils			
Thermal				Springs			
Turbidity				Tributary(s)			
Other - Specify:				Wetland			
				Other - Specify:			

Comments: *Trout related work* (revisit! w/flyrod)
water snipe, Megaloptera, Plecoptera

Special Instructions for Laboratory:

For Lab Use Only		
Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Date Processed	Specimens Saved	