

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name SLEIGHTON CREEK	Waterbody ID Code 1202900	Sample ID (YYYYMMDD-CY-FD) 201610194232
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Sampling Location 1 m upstream CTH-M bridge	Database Key 142720675
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SWIMS Station ID 10013792	SWIMS Station Name SLEIGHTON CREEK STATION 2 - CTH M BRIDGE CROSSING NEAR DRYSDALE RD.
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Latitude 43.838055	Longitude -90.53261	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) 1	Number of Samples in Composite —	Replicate No. _____ of _____
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Reason for Sampling

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

Water Temp. (C)	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 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)	Average Stream Width of reach (m)
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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: 10 Overhanging Vegetation: _____

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

Embeddedness of Substrate at Sample Site (%) 30
 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				- 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 *Heavy ag. in watershed, smell of manure, excess algal growth, excess eutrophication*

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Kuhny, Alison</i>	Taxonomist <i>Dimitry Jeffrey</i>	Estimated Percent of Sample Sorted <i>7%</i>
Date Processed <i>3-27-17</i>	Specimens Saved <i>Subsample archived in ABL until Sept 2020</i>	

C3 → 343 + 58

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name <u>Sleighton Creek</u>	Waterbody ID Code <u>1202900</u>	Sample ID (YYYYMMDD-CY-FD) <u>2016/019-42-32</u>
Sampling Location		

SWIMS Station ID <u>10013792</u>	SWIMS Station Name <u>Sleighton Creek</u>	Database Key
Latitude <u>43.838</u>	Longitude <u>-90.5326</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>Walker, Mike</u>	Project Name <u>Willow-Kickapoo</u>
Sampling Device	
<input type="checkbox"/> Kick Net <input type="checkbox"/> Ponar <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Eckman <input type="checkbox"/> Hess Sampler <input checked="" type="checkbox"/> Other: <u>D-frame</u>	

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

Total Sampling Time (min) <u>10</u>	Estimated Area Sampled (m ²) <u>1</u>	Number of Samples in Composite <u>1</u>	Replicate No. _____ of _____
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Reason for Sampling		
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Control Site	<input checked="" type="checkbox"/> Baseline <input type="checkbox"/> Trend	<input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Other: _____

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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 circle units mps or cfs	Average Stream Depth of reach (m) <u>0.20</u>	Average Stream Width of reach (m) <u>3</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: <u>10</u>	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Course Woody Debris: _____	Other (_____): _____
Embeddedness of Substrate at Sample Site (%) <u>30</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:
 Heavy Ag. no evident of storm flows
 smell of manure, high algal growth
 Stream SCUZZY (technically speaking)

Special Instructions for Laboratory:

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