

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name Wolf River	Waterbody ID Code 241300	Sample ID (YYYYMMDD-CY-FD) 20160929-40-01
Sampling Location		Database Key 133659693

SWIMS Station ID 10047175	SWIMS Station Name WOLF RIVER 1.4 MILES DS FAIRGROUNDS ROAD BRIDGE
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Latitude 44.86776	Longitude -88.64433	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU)	Watershed Name	County Menominee
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Sample and Site Descriptors

Sample Collector (Last Name, First) ANDREW HUDAK	Project Name BALSOM ROW DAM COMPREHENSIVE FISH PASSAGE ASSES
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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) 5	Estimated Area Sampled (m²) 10	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Balsom Row Fish Passage

Water Temp. (C) 13.29	D.O. (mg/l) 10.2	D.O. (%sat.) 97.6	pH (su) 7.65	Conductivity (umhos/cm) 262	Transparency (cm) >122
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Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input 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) 0.5	Average Stream Width of reach (m) 50
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 70
 Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: 10 Other (): _____

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

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

Special Instructions for Laboratory

Extended zygoptera exam - Coelopteryx aequabilis (n=6); C. maculata (n=2)

For Lab Use Only

Sample Sorter Cadie Olson	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 10/14/16	Specimens Saved Subsample archived in ABC until Jan 2020	

E1: 35 = 159
 A2: 57
 A3: 67