

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name UNNAMED		Waterbody ID Code 3000102	Sample ID (YYYYMMDD-CY-FD) 20161013-69-03
Sampling Location DS Kopitzke Rd			Database Key 133649567
SWIMS Station ID 10043171		SWIMS Station Name UNNAMED TRIB TO N BRANCH PIGEON RIVER AT KOPITZKE RD	
Latitude 44.6793896	Longitude -88.920898	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) WOLF RIVER		Watershed Name PIGEON RIVER	County WAUPACA

Sample and Site Descriptors	
Sample Collector (Last Name, First) DAVID BOLHA	Project Name UPPER PIGEON RIVER WATERSHED ASSESSMENT - EAST_2

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) 4	Estimated Area Sampled (m ²) 2	Number of Samples in Composite 1	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) 9.4°C	D.O. (mg/l) 4.9	D.O. (% sat.) 6.23	pH (su) 6.9	Conductivity (umhos/cm) 675.9	Transparency (cm) 120
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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) 0.2	Average Stream Width of reach (m) 2.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 70
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 40 Canopy Cover at Sample Site (%) 80

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		PL	PL	Chlorine		N	N
- Filamentous Algae		N	N	Dissolved Oxygen		PL	PL
- Planktonic Algae		N	N	Nutrients (P, N...)		PH	PH
Iron Bacteria		N	N	Toxics: - Inorganic (Metals)		N	N
Macrophytes		N	N	- Organic (PCBs, pesticides...)		N	N
Slimes		N	N	Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		PL	PL
				Point Source - Specify:		N	N
				Pasturing of Livestock		PL	PL
Physical				Runoff: - Barnyard		PH	PH
Bank Erosion		PL	PL	- Construction		N	N
Channelization: - Upstream		PL	PL	- Cropland		PL	PH
- Downstream		N	N	- Urban		N	N
Hydraulic Scour / Channel Incision		N	N	Septic Systems		N	N
Impoundment: - Upstream		N	N	Tile Drainage - Organic Soils		N	N
- Downstream		N	N	- Mineral Soils		N	N
Low Flow		N	N	Springs		PL	PL
Sedimentation		PL	PL	Tributary(s)		N	N
Sludge		N	N	Wetland		N	N
Thermal		N	N	Other - Specify:			
Turbidity		N	N				
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Taylor Hasz	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 4/4/17	Specimens Saved Subsample archived in ABL mtl Sept 2020	

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