

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED		Waterbody ID Code 5018549	Sample ID (YYYYMMDD-CY-FD) 20171011-69-03
Sampling Location			Database Key 149424606
SWIMS Station ID 10048067		SWIMS Station Name UNNAMED TRIB (WBIC 5018549) TO LITTLE WOLF RIVER US COUNTY N	
Latitude 44.4717047	Longitude -88.8902267	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) WOLF RIVER		Watershed Name LOWER LITTLE WOLF RIVER	County WAUPACA

Sample and Site Descriptors

Sample Collector (Last Name, First) DAVID A BOLHA, JENNIFER MASSERIE	Project Name BEAR LAKE TWA 2017
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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) 3	Estimated Area Sampled (m²) 1.5	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Targeted Watershed Assessment

Water Temp. (°C) 55.1°F	D.O. (mg/l) 8.6	D.O. (%sat.) 80.7	pH (su) 7.9	Conductivity (umhos/cm) 775.3	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 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) 0.1	Average Stream Width of reach (m) 3.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 30 Gravel (ladybug to tennisball): 60
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 100

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

Comments

Special Instructions for Laboratory

Macayla Greider

For Lab Use Only		
Sample Sorter <i>Macayla Greider</i>	Taxonomist <i>Derrick Jeffrey</i>	Estimated Percent of Sample Sorted <i>20</i>
Specimens Saved <i>Subsample archived into BL until Jun 2021</i>		

*A3-71
 D2-46
 E3-43
 (160)*

