

Instructions: **Bold** fields must be completed.

Station Summary			
Waterbody Name UNNAMED		Waterbody ID Code 5018549	Sample ID (YYYYMMDD-CY-FD) 20211005-69-03
Sampling Location		Database Key 286575537	
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 BOLHA		Project Name BEAR LAKE TWA 319	
Sampling Device			
<input checked="" type="checkbox"/> D-Frame 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 type="checkbox"/> Other: _____			
Habitat Sampled			
<input checked="" type="checkbox"/> Riffle <input 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) 2	Estimated Area Sampled (m²) 1	Number of Samples in Composite 1	Replicate No. _____ of _____
Reason For Sampling			
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input checked="" type="checkbox"/> Other: _____			
Water Temp. (C) 16.6	D.O. (mg/l) 8.08	D.O. (% sat.) 83.0	pH (su) 8.06
Conductivity (umhos/cm) 763		Transparency (cm) 112	
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)	
Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 1.05	Average Stream Width of reach (m) 1.5	
Composition of Substrate Sampled (Percent):			
Bedrock: _____ (basketball or larger): _____		Rubble (tennisball to basketball): 10	Gravel (ladybug to tennisball): 90
Sand: _____ Clay: _____		Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____ Leaf Snags: _____		Coarse Woody Debris: _____ Other (_____): _____	
Embeddedness of Substrate at Sample Site (%) 0		Canopy Cover at Sample Site (%) 50	

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Katherine McClure	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 9.4%
Date Processed 5/25/22	Specimens Saved Subsample archived in AB2 under Jul 2025	

B292: 9
 B294: 33
 B293: 30
 B291:
 D393: 19
 D394: 20
 D392: 21
 D391:

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicollis</i>	L	Dr	25	Klob 2016		
<i>B. tricaudatus</i>	L	I	1	"		
<i>Coenotendipes dimidiatus</i>	L	I	1	"		
<i>Chamaeleon</i>	L	Dr	24	MCB 2019		
<i>Hydropsyche betteri</i>	L	XIII	13	Schmidts RBG		
<i>Optiosevus</i>	L	Dr	22	MCB 2019	imm	N
<i>O. fastidius</i> L, 7 A, 1	LA	-III	8	Hilschm 1992		
<i>Corynocheilus</i>	P	I	1	MCB 2019		N
<i>Simulium jenningsi</i> species group	L	I	1	Adl et al 2004	imm	
<i>Dicranota</i>	L	-II	7	MCB 2019		
<i>Tipula</i>	L	III	4	"		
<i>Gammarus pseudolimnoides</i>	A	-III	8	Hils 1972		
<i>Naidinae</i>	A	I	1	Kath Brn 1998		
<i>Tubificinae</i> (without hairs)	A	XII	3	"		
<i>Split A2 Chironomidae</i>	L	-III-III				
<i>Naiades</i>	L	I	1	Adl et al 2013		
<i>Corynocheilus</i>	L	I	1	"		A-30
<i>Rhyacophila</i>	L	I	1	"		
<i>Conchopelopia</i>	L	I	1	"		
<i>Cricotopus</i> (<i>Cricotopus</i>)	L	I	1	"		
<i>Paratanytarsus</i>	L	I	1	"		
<i>Paratanytarsus</i> species B	L	I	1	Hils unpubl		
<i>Polypedilum</i> (<i>Uresipedilum</i>) <i>flavum</i>	L	III	4	Bolton 2012		