

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name LITTLE WOLF RIVER	Waterbody ID Code 272400	Sample ID (YYYYMMDD-CY-FD) 20221025-69-01
Sampling Location		Database Key 323921410

SWIMS Station ID 10016848	SWIMS Station Name LITTLE WOLF RIVER - CTH P (10 YARDS DOWNSTREAM BRIDGE)		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) WOLF RIVER		Watershed Name UPPER LITTLE WOLF RIVER	County WAUPACA

Sample and Site Descriptors

Sample Collector (Last Name, First) DAVID BOLHA	Project Name UPPER LITTLE WOLF RIVER TWA 2022
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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) 2.5	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: _____

Water Temp. (C) 11.5	D.O. (mg/l) 10.6	D.O. (% sat.) 100.6	pH (su) 8.1	Conductivity (umhos/cm) 433.0	Transparency (cm)
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Water Color ☒ Clear ☐ Turbid ☐ Stained	Estimated Stream Velocity (m/s) ☐ Slow (< 0.15 m/s) ☒ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.3	Average Stream Width of reach (m) 8.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): 10	Rubble (tennisball to basketball): 70	Gravel (ladybug to tennisball): 30
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____
Embeddedness of Substrate at Sample Site (%) 10		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	N	N	Chlorine	N	N
- Filamentous Algae	PL	N	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	N	N
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	N	N
			Point Source - Specify:	N	N
			Pasturing of Livestock	N	N PL
Bank Erosion	PL	N PL	Runoff: - Barnyard	N	PL
Channelization: - Upstream	N	N	- Construction	N	N
- Downstream	N	N	- Cropland	N	PL
Hydraulic Scour / Channel Incision	N	N	- Urban	N	N
Impoundment: - Upstream	N	N	Septic Systems	N	N
- Downstream	N	N	Tile Drainage - Organic Soils	N	N
Low Flow	N	N	- Mineral Soils	N	N
Sedimentation	PL	PL	Springs	N	N
Sludge	N	N	Tributary(s)	N	PL
Thermal	N	N	Wetland	N	N
Turbidity	N	N	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Katherine McClure	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 14.1%
Date Processed 3/11/23	Specimens Saved Subsample archived in ABL until Jun 2026	

A292:30 D393:26 B292:18
A293:17 D394:30 B294:
A291:18 D392:35 B293:
A294:38 D391:40 B291:

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Wisconsin Department of Natural Resources

ABL SampleNum: 20221025-69-01

Taxonomist: Dimick, Jeffrey

Waterbody: Little Wolf River

SWIMS Database Key: 323921410

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetidae	L	1	1	MCB 2019	dam	Y
Baetis bignonioides	L	1	1	Kub 2016		
B. tricaudatus	L	or	25	"		
B. flavistriga species complex	L	1	1	"		
Baetisca laurentina	L	1	1	"		
Ephemerella	L	x-11	17	MCB 2019	imm	N
E. invarra	L	1	6	Kub 2016		
Tetragonia deficiens	L	1	1	MCB 2019		
Maccaffertium	L	x	10	Kub 2016	imm	N
M. modestum	L	1	5	"		
M. vicarium	L	111	3	"		
Gomphidae	L	1	1	MCB 2019	imm	N
Ophrogomphus	L	1	1	"	imm	
Allocaenis	L	11	2	"		
Aeronautes	L	1	1	"	imm	
Paragnetina medea	L	1	1	Hils 1995		
Perlidae	L	1	1	MCB 2019	imm	
Pteronarcys	L	1	1	"	imm	
Amphinemura	L	1	1	"	imm	
Talocryptus burksi	L	x-1	16	Full Stew 1980		
Brachycentrus numerosus	L	1	1	Hils 1985		
Glossosoma intermedium	L	1111	4	Wym Mar 2000		
Proteptila	L	1	1	MCB 2019		
Helicopsyche borealis	L	1	1	Hils 1995		
Ceratopsyche	L	11	2	"	dam	N
C. brenda	L	x1111	14	Schm Hils 1986		
C. glassanae	L	1	1	"		
C. sparna	L	x11	12	"		
Chermatopsyche	L	111	5	MCB 2019		
Hydropsyche	L	1	1	"		
Leuctra protopus	L	111	3	Hils 1995		
Lepidostoma	L	111	3	MCB 2019		
Setodes	L	1	1	"		
Psychomyia flavida	L	11	2	Hils 1995		
Neophylax	L	111	3	MCB 2019	imm	N
N. olivius	L	1	1	Bright 2016		
Lindesius affinis	A	1	1	Hils 1994		

[illegible]