

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name BRADLEY CREEK	Waterbody ID Code 288700	Sample ID (YYYYMMDD-CY-FD) 20221013-50-014
Sampling Location		Database Key 323921318

SWIMS Station ID 10021878	SWIMS Station Name BRADLEY CREEK AT CTH A		
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 PORTAGE

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) 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: _____

Water Temp. (C) 7.7	D.O. (mg/l) 9.98	D.O. (% sat.) 87	pH (su) 8.07	Conductivity (umhos/cm) 456	Transparency (cm) 120
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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) 3.5
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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 (%) 0	Canopy Cover at Sample Site (%) 30
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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...)	N	N
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	N	N
Macrophytes	PL	PL	- 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
Physical			Pasturing of Livestock	N	N
Bank Erosion	N	N	Runoff: - Barnyard	N	N
Channelization: - Upstream	N	N	- Construction	N	N
- Downstream	N	N	- Cropland	N	N
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	N
Thermal	N	N	Wetland	N	N
Turbidity	N	N	Other - Specify:		
Other - Specify:	-	-			

Comments

N_o

Special Instructions for Laboratory

[Handwritten notes and scribbles]
A3 30-12 C1-68 B3-77 C4-4a-15 A4
20-18 19-12 D3
19-25 3a-
4a-28 2a-
old

For Lab Use Only

Sample Sorter <i>Anna Powers</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>12.5%</i>
Date Processed <i>02/23/2023</i>	Specimens Saved <i>Subsample archived in ABL until Jun 2026</i>	

[Handwritten notes and scribbles]
B1 1-21 3-26 4-23 2-24 94
C4 341 446 1-42 261 190
A1 D1 A3 C2 284 6/64

Wisconsin Department of Natural Resources

ABL SampleNum: 20221013-50-04

Taxonomist: Dimick, Jeffrey

 Waterbody: **Bradley Creek**
 SWIMS Database Key: 323921318

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Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicollis</i>	L	T	1	Kubertanz 2016		
<i>B. flavistocia</i> species complex	L	I	1	"		
<i>Ephemerella subvaria</i>	L	III	4	"		
<i>Ephemera</i>	L	I	1	MCB 2019	imm	
<i>Maccaffertium</i>	L	II	2	Kubertanz 2016	imm	
<i>Leptophlebiidae</i>	L	I	1	MCB 2019	dam	N
<i>Neoleptophlebia</i>	L	I	1	MCB 2019	imm	
<i>Paracaptia angulata</i>	L	I	5	Hitchcock 1974		
<i>Taeniopteryx</i>	L	III	4	MCB 2019	imm	
<i>Brachycentrus americanus</i>	L	III	5	Hilsenhoff 1985		
<i>B. occidentalis</i>	L	III	3	"		
<i>Glossosoma intermedium</i>	L	III	3	Wymer-Morse 2000		
<i>Helicopsyche borealis</i>	L	I	1	Hilsenhoff 1985		
<i>Ceratopsyche glossopoda</i>	L	III	10	Schmitt 1986		
<i>C. spama</i>	L	I	1	"		
<i>Cheumatopsyche</i>	L	II-III	28	MCB 2019		
<i>Hydropsyche betteni</i>	L	I	1	Schmitt 1986		
<i>Hydropsychidae</i>	L	I	1	MCB 2019	imm	N
<i>Hydroptila</i>	L	I	1	Wiggins 1977		
<i>Lepidostoma</i>	L	X	10	MCB 2019		
<i>Gaera stylata</i>	L	II	2	Hilsenhoff 1985		
<i>Neophylax</i>	L	III	10	MCB 2019	imm	
<i>Ceraclea</i>	L	I	1	"	imm	
<i>Myrtilacis</i>	L	I	1	"	imm	
<i>Nigronia semicornis</i>	L	III	5	Nanus 1966		
<i>Sialis</i>	L	I	1	MCB 2019		
<i>Onicosentrus</i>	L	II-III	29	"	imm	N
<i>O. fastidius</i>	L	I	1	Hilsenhoff 1985		
<i>Stenelmis</i>	L	II	2	MCB 2019		
<i>Bezzia/Palaemyia</i>	L	I	1	Hilsenhoff 1985		
<i>Comptosia</i>	P	III	2	MCB 2019		N
<i>Amorodromia</i>	L	II	7	"		
<i>Neopristia</i>	L	I	1	"		
<i>Chrysops</i>	L	II	2	"		
<i>Antocha</i>	L	III	4	"		
<i>Isonychia</i>	L	I	1	"		
<i>Gammarus pseudolimnaeus</i>	A	II	2	Holsinger 1972		

Taxonomist: Dimick, Jeffrey

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[illegible]