

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name BRADLEY CREEK	Waterbody ID Code 288700	Sample ID (YYYYMMDD-CY-FD) 20221013-50-015
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Sampling Location	Database Key 323921314
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SWIMS Station ID 10008430	SWIMS Station Name BRADLEY CREEK STH 49 SITE 1
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Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) WOLF RIVER	Watershed Name UPPER LITTLE WOLF RIVER	County PORTAGE
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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	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) 7.9	D.O. (mg/l) 9.9	D.O. (% sat.) 86.4	pH (su) 8.0	Conductivity (umhos/cm) 453	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) 0.2	Average Stream Width of reach (m) 4
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 40

Sand: _____ Clay: _____ Silt/Muck: 10 Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 0 **Canopy Cover at Sample Site (%)** 0

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

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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
			Pasturing of Livestock	N	N
			Runoff: - Barnyard	N	N
			- Construction	N	N
			- Cropland	N	N
			- Urban	N	N
			Septic Systems	N	N
			Tile Drainage - Organic Soils	N	N
			- Mineral Soils	N	N
			Springs	N	N
			Tributary(s)	N	N
			Wetland	N	N
			Other - Specify:	-	-
Physical					
Bank Erosion	N	N			
Channelization: - Upstream	N	N			
- Downstream	N	N			
Hydraulic Scour / Channel Incision	N	N			
Impoundment: - Upstream	N	N			
- Downstream	N	N			
Low Flow	N	N			
Sedimentation	N	N			
Sludge	N	N			
Thermal	N	N			
Turbidity	N	N			
Other - Specify:	N	N			

Comments

Special Instructions for Laboratory

A3: 3a-12 C1:66 B3:77 C4-4a-15
2a-12
1a-12
3a
2a
2a-14
1a-25
4a-28

For Lab Use Only

Sample Sorter Nordstrom, Abigail	Taxonomist Dimick, Jeffery	Estimated Percent of Sample Sorted 21.9%
Date Processed 2023/02/14	Specimens Saved 255 subsample archived in ABL until Jun 2026	

Wisconsin Department of Natural Resources

ABL SampleNum: 20221013-50-05

Taxonomist: Dimick, Jeffrey

 Waterbody: **Bradley Creek**
 SWIMS Database Key: 323921314

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis	L	1	1	MCB 2019	dam	Y
B. brunneicolar	L	1	1	Kubertanz 2016		
B. tricaudatus	L	1111	4	"		
Ephemerella subvaria	L	21	21	"		
Ephemerella	L	1	1	MCB 2019	imm	
Maccaffertium vicarium	L	11	2	Kubertanz 2016		
Stenocranus	L	11	2	MCB 2019		
Calopteryx maculata	L	1	1	West May 2006		
Paracaptia angulata	L	1111	4	Hatchcock 1974		
Taeniopteryx	L	11	2	MCB 2019	imm	
Brachycentrus americanus	L	1111	5	Hilsenhoff 1985		
B. occidentalis	L	1111	8	"		
Glossosoma	L	11	2	MCB 2019	imm	
Hydropsychidae	L	1	1	"	imm	N
Ceratopsyche glossonae	L	x11	12	Schum Hils 1986		
C. sparna	L	111	3	"		
Cheumatopsyche	L	x1	11	MCB 2019		
Hydropsyche betteni	L	1	1	Schum Hils 1986		
Lepidostoma	L	011	22	MCB 2019		
Rhyacopsyche	L	11	2	"		
Goera stylata	L	11	2	Hilsenhoff 1985		
Molanna	L	1	1	MCB 2019	imm	
Chimarra aterrima	L	11	2	Hilsenhoff 1982		
Dolophanes distinctus	L	11	2	Hilsenhoff 1985		
Neophylax	L	1	6	MCB 2019	imm	
Optioservus	L	1111	4	"	imm	N
O. fasciatus L.2 A.1	LA	111	3	Hils Schum 1992		
Hemodromia	L	1	6	MCB 2019		
Simulium tuberosum gress complex	L	111	3	Ackert et al 2004		
Chrysops	L	11	2	MCB 2019		
Gammarus pseudocolumbiae	A	111	7	Holsinger 1972		
Dugesidae	A	1	1	Thorp Reg 2016		
Physa	A	x	10	"		
Pisidium	A	x1111	19	"		
Tubificinae (with hairs)	A	1	1	Kath Brin 1999		
Trombidiformes	A	1	1	Thorp Reg 2016	imm	N
Hygrobatas	A	1	6	Peck et al 1990		

[illegible]