

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

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Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name UNNAMED		Waterbody ID Code 289000		Sample ID (YYYYMMDD-CY-FD) 20221013-37-01	
Sampling Location				Database Key 323921426	
SWIMS Station ID 10008501		SWIMS Station Name UNNAMED 36-12 DEER GARDEN RD SITE 7			
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 MARATHON	
Sample and Site Descriptors					
Sample Collector (Last Name, First) DAVID BOLHA			Project Name UPPER LITTLE WOLF RIVER TWA 2022		
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) 2		Estimated Area Sampled (m ²) 1		Number of Samples in Composite 1	
				Replicate No. _____ of _____	
Reason For Sampling					
☐ Least Impacted Reference ☒ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☐ Other: _____					
Water Temp. (C) 8.1	D.O. (mg/l) 9.8	D.O. (% sat.) 86.0	pH (su) 7.9	Conductivity (umhos/cm) 380	Transparency (cm) 120
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)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) 0.2		Average Stream Width of reach (m) 2.5	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 90	
Sand: _____		Clay: _____		Gravel (ladybug to tennisball): _____	
Aquatic Macrophytes: _____		Silt/Muck: 10		Overhanging Vegetation: _____	
Leaf Snags: _____		Coarse Woody Debris: _____		Other (____): _____	
Embeddedness of Substrate at Sample Site (%) 10			Canopy Cover at Sample Site (%) 50		

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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	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
Bank Erosion	N	N	Runoff: - Barnyard	N	N
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	N	N	Springs	N	N
Sludge	N	N	Tributary(s)	N	N
Thermal	N	N	Wetland	N	N
Turbidity	N	N	Other - Specify:	-	-
Other - Specify:	-	-			

Comments

No

Special Instructions for Laboratory

No

For Lab Use Only

Sample Sorter Reed, Kayla	Taxonomist Dimick, Jeffery	Estimated Percent of Sample Sorted 13.3%
Date Processed 2-17-2023	Specimens Saved 252 subsample archived in ABC until Jun 2024	

C1 Q4-39 A3 Q3-32 D4 Q4 Q124 → 11
Q2-31 Q1-
Q1-44+34 Q2-
Q3-42 Q4-19

Wisconsin Department of Natural Resources

ABL SampleNum: 20221013-37-01

Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed Creek 36-12

SWIMS Database Key: 323921426

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Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis flavistriga</i> species complex	L	1	1	Kub 2016		
<i>Maccaffertium</i>	L	1	1	"	imm	N
<i>M. vicarium</i>	L	1	1	"		
<i>Stenacron</i>	L	1	1	MCB 2019	imm	
<i>Leptophlebia</i>	L	21	11	"	imm	
<i>Calopteryx</i>	L	1	1	"	imm	
<i>Taeniopteryx</i>	L	11	2	"	imm	
<i>Ceratopsyche glassorum</i>	L	1	1	Schmitts 1986		
<i>Chironomopsycha</i>	L	11	2	MCB 2019		
<i>Hydropsyche betteri</i>	L	1	1	Schmitts 1986		
<i>Platycentropus</i>	L	1	1	MCB 2019		
<i>Chironomus</i>	L	1	1	"	imm	N
<i>C. aberrans</i>	L	111	3	Hils 1982		
<i>Neophylax</i>	L	111	5	MCB 2019		
<i>Nigronia serricornis</i>	L	111	3	Wenzel 1966		
<i>Optioseius</i>	L	1111	4	MCB 2019	imm	
<i>Stenelmis</i>	L	1	1	"		N
<i>S. crenata</i>	A	111	3	Hils Schmitts 1992		
<i>Ceratopogon colicoidithorax</i>	L	11	2	Hils 1995		
<i>Therremanniella</i> 08304701	P	11	2	MCB 2019		N
<i>Tweedia</i> 08304803	P	1	1	"		N
<i>Hemodromia</i>	L	1111	4	"		
<i>Tipula</i>	L	1	1	"		
<i>Gammarus pseudolimnaeus</i>	A	111	3	Holsinger 1972		
<i>Fossaria</i>	A	1	1	Burch 1989		
<i>Lumbriculus</i>	A	1	1	Thorpe et al 2016		
<i>Hydrobates</i>	A	1	1	Peck et al 1990		
<i>Neoplasia</i>	L	1	1	MCB 2019		
<i>Spilops Chironomidae</i>	L	8x 111				
<i>Spilops Chironomidae</i>	L	1111 111				
<i>Nabaria baltimore</i>	L	11	2	Boltan 2012		
<i>Orthocladinae</i> 08300000	L	11	10	Ander et al 2013	imm	N
<i>Brillia flavifrons</i>	L	1111	4	Epler 2001		
<i>Corynephora</i>	L	111	7	Ander et al 2013		
<i>Parachactocladius</i>	L	1	1	"		
<i>Parametrioecnemus</i>	L	80111	73	"		

Taxonomist: Dimick, Jeffrey

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