

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 JACKSON CREEK	Waterbody ID Code 288400	Sample ID (YYYYMMDD-CY-FD) 20221018-69-01
Sampling Location		Database Key 323921406

SWIMS Station ID 10031803	SWIMS Station Name JACKSON CREEK - KLUCK RD.		
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 (m ²) 1.0	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) 3.64	D.O. (mg/l) 12.2	D.O. (% sat.) 94.7	pH (su) 7.6	Conductivity (umhos/cm) 431.6	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) 4.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 50	Gravel (ladybug to tennisball): 50
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____

Embeddedness of Substrate at Sample Site (%) 20	Canopy Cover at Sample Site (%) 10
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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
			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	PL	PL			
Sludge	N	N			
Thermal	N	N			
Turbidity	N	N			
Other - Specify:					

Comments

Special Instructions for Laboratory

B3-39-22 04 43 D1 A3 1/8th - 9
29-19
49-24
19-32
170sofar
175
17
10/4
10/4
39
29
19
1/16 → 1/8 →

For Lab Use Only

Sample Sorter Nordstrom, Abigail	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 31.25
Date Processed 02/25/2023	Specimens Saved 261 subsample archived in ABL until Jun 2026	

+9+45 = 54 QC

Wisconsin Department of Natural Resources

ABL SampleNum: 20221018-69-01

Taxonomist: Dimick, Jeffrey

 Waterbody: Jackson Creek
 SWIMS Database Key: 323921406

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetidae	L	1	1	MCB 2019	dam	N
Acerpenna maedinnoughi	L	1	6	Kubertanz 2016		
Baetis brunneicolar	L	1	5	"		
Ephemerella subvaria	L	2111	23	"		
Maccaffertium vicarium	L	1	1	"		
Neoleptophlebia	L	1	6	MCB 2019	dam	
Calopterygidae	L	1	1	"	imm	N
Calopteryx	L	1	1	"	imm	
Cordulegaster maculata	L	1	1	Tennissen 2019		
Ephemerella	L	1	1	MCB 2019	imm	Y
Brachycentrus occidentalis	L	1111	9	Hilsenhoff 1985		
Protophila	L	1	1	MCB 2019		
Ceratopsyche sparna	L	11	2	Schmitts 1986		
Chumatopsyche	L	111	3	MCB 2019		
Hydropsyche betteni	L	1	6	Schmitts 1986		
Paracapnia angulata	L	X 11	17	Hitchcock 1974		
Isoperla lateralis	L	1	1	Hilsenhoff 1982		
Tachipteryx	L	X 111	38	MCB 2019	imm	
Oecetis anura	L	1	1	Floyd 1995		
Limnephilidae	L	1	1	MCB 2019	imm	
Molanna	L	111	3	"	imm	
Neureclipsis	L	1	1	"		
Optioservus	* L	2111	22	"	imm	N
♂-Fastidius L, 7 A, 3	2A X		10	Hilsenhoff 1982		
Stenelmis crenata	A	11	2	"		
Nigronia serricornis	L	X 1111	14	Newman 1966		
Atherix variegata	L	11	2	Hilsenhoff 1985		
Rezza/Palomyra	L	1111	4	"		
Simulium sthenoc	P	1	1	MCB 2019	dam	N
S. tuberosum species complex	L	1	1	Akeretal 2004		
S. venustum species complex	L	1	1	"		
Chrysops	L	1	1	MCB 2019		
Antocha	L	1	1	"		
Dicranota	L	1	1	"		
Limnophila	L	1	1	"		
Tipula	L	1	1	"		
Gomphus pseudolimnacus	A	111	4	Holsinger 1972		

Taxonomist: Dimick, Jeffrey

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[illegible]