State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 08/14)

Instructions: **Bold** fields must be completed.

Station Summary

Waterbody Name	**Waterbody ID Code**	**Sample ID (YYYYMMDD-CY-FD)**
Unnamed	1453200	20211101-37-10

Sampling Location: Unnamed Trib @ Skye Falls Dr.

SWIMS Station ID	**SWIMS Station Name**	**Database Key**
10029421	Unnamed Trib to Little Rib River @ North Lane Rd	290608857

Latitude	**Longitude**	**Lat/Long Determination method (circle)**	**Datum Used if using GPS**
45.03252	89.86046	(SWIMS) SWDV GPS	NAD 27 or NAD83

Basin (WMU)	**Watershed Name**	**County**
Central Wisconsin	Little Rib River	Marathon

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
Hotchinson, Colton	LTT Streams

Sampling Device

- [x] Kick Net
- [ ] Surber Sampler
- [ ] Eckman
- [ ] Ponar
- [ ] Artificial Substrate
- [ ] Hess Sampler
- [ ] Other: _____

Habitat Sampled

- [x] Riffle
- [ ] Run
- [ ] Pool
- [ ] Other
- [x] Shoreline Composite
- [ ] Proportionally-Sampled Habitat
- [ ] Littoral Zone
- [ ] Profundal Zone
- [ ] Wetland

Total Sampling Time (min)	**Estimated Area Sampled (m²)**	**Number of Samples in Composite**	**Replicate No.** ___ **of** ___
5	1	1	1 of 1

Reason for Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [x] Trend
- [ ] Other: _____

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
5.4	12.47	98.7	7.74	289.1	120+

Water Color

- [x] Clear
- [ ] Turbid
- [ ] Stained

Estimated Stream Velocity (m/s)

- [ ] Slow (< 0.15 m/s)
- [x] Moderate (0.15 m/s - 0.5 m/s)
- [ ] Fast (>0.5 m/s)

Measured Velocity circle units mps **or** cfs	**Average Stream Depth of reach (m)**	**Average Stream Width of reach (m)**

Composition of Substrate Sampled (Percent):

Bedrock: – Boulders (basketball or larger): – Rubble (tennisball to basketball): 5 Gravel (ladybug to tennisball.): 15

Sand: 20 Clay: – Silt/Muck: – Overhanging Vegetation: 5

Aquatic Macrophytes: 15 Leaf Snags: – Course Woody Debris: 10 Other (Algae): 30

Embeddedness of Substrate at Sample Site (%) 10 **Canopy Cover at Sample Site (%)** 1

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
Biological		
Algae: - Diatoms / Periphyton	PL	PL
- Filamentous Algae	PH	PL
- Planktonic Algae	N	U
Iron Bacteria	N	U
Macrophytes	PH	PL
Slimes	N	U
Other - Specify:	—	
Physical		
Bank Erosion	PL	U
Channelization - Upstream	N	U
- Downstream	PL	U
Hydraulic Scour / Channel Incision	N	U
Impoundment: - Upstream	N	U
- Downstream	N	U
Low Flow	N	U
Sedimentation	PL	U
Sludge	N	U
Thermal	N	U
Turbidity	N	U
Other - Specify:	—	—

Factors that may be Influencing Water Resource Integrity	Local	Water-shed
Chemical		
Chlorine	N	U
Dissolved Oxygen	N	U
Nutrients (P, N....)	U	U
Toxics: - Inorganic (Metals)	U	U
- Organic (PCBs, pesticides ...)	U	U
Other - Specify:	—	—
Sources of Stream Impacts		
Bank Erosion	PL	U
Point Source - Specify:	N	U
Pasturing of Livestock	N	U
Runoff: - Barnyard	N	U
- Construction	N	U
- Cropland	PL	U
- Urban	PL	U
Septic Systems		U
Tile Drainage - Organic Soils	N	U
- Minerals soils	N	U
Springs	N	U
Tributary(s)	N	U
Wetland	PL	U
Other - Specify:	—	—

Comments: Lots of Filamentous Algae + Elodea Growth in Stream Channel

Special Instructions for Laboratory:

R2 C4 93-10, 92-5, 94-4, 91-4 | B3 94-6, 93-5, 92-3, 91-2 | A3 93-8, 91-2, 92-3, 94-3 | D2 93-3, 92-3, 94-4, 91-3 | C1 94-4, 91-3, 93-3, 92-3 | D3 91-8, 93-6, 94-3, 92-5 | D4 93-6, 91-2, 92-4, 94-3 | A1 91-2, 93-3, 92-5, 94-1 = 129

For Lab Use Only		
Sample Sorter: Mary Joy Relagio	Taxonomist: Dimick, Jeffrey	Estimated Percent of Sample Sorted: R1 33% / R2 50%
Date Processed: 10-5-2022	Specimens Saved: Subsample archived in ABL until Jan 2026	

R1 = B4 93-2, 91-2, 93-6, 94-5 | D3 91-3, 92-7, 94-2, 93-5 | B2 92-9, 93-3, 94-2, 91-6 | A3 91-7, 92-3, 93-4, 94-2 | B3 92-2, 94-1, 91-1, 93-2 | C3 91-2, 94-1, 92-3, 93-4 | D2 92-1, 94-3, 93-1, 91-1 | C4 94-2, 91-2, 93-3, 92-6 | A2 91-1, 93-1, 94-1, 92-3 | C2 92-2, 93-3, 94-1, 91-1 | C1 94-3, 91-5, 92-1, 93-2 | D4 = 0, 92 = 1, 93 = 3, 91 = 2 = 132

Wisconsin Department of Natural Resources
ABL SampleNum: **20211101-37-10**
Taxonomist: Dimick, Jeffrey

Waterbody: **Unnamed Tributary (1453200) to Little Rib River**
SWIMS Database Key: **290608857**

Taxa	Life Stage	Organism Count Rep 1	Rep 2	Rep 3	Taxonomic Reference	Condition	Unique Taxon
Acerpenna macdunnoughi	L	4	6		Klub 2016		
Ephemerella subvaria	L	8	4		"		
Maccaffertium	L	1	0		"	dam	N
M. vicarium	L	7	11		"		
Leptophlebiidae	L	0	1		MCB 2019	dam	N
Leptophlebia	L	7	8		"	imm	
Neoleptophlebia	L	1	7		"	imm	
Aeshna	L	0	1		"	dam	
Perlodidae	L	0	1		"	imm	N
Chaperla dio	L	1	2		"		
Glossosoma intermedium	L	3	2		WynMor 2000		
Ceratopsyche slossonae	L	1	0		Schm Hils 1986		
Cheumatopsyche	L	3	2		MCB 2019		
Diplectrona modesta	L	0	1		Hils 1995		
Hydropsyche betteni	L	1	0		Schm Hils 1986		
Lepidostoma	L	4	2		MCB 2019		
Pycnopsyche	L	3	2		"		
Optioservus	L	1	0		"	mm	
Neophylax	L	0	1		"	mm	
Probezzia	L	1	0		Hils 1995		
Simulium	L	1	1		MCB 2019	mm	
Antocha	L	2	0		"		
Tipula	L	2	0		"		
Coecidotea racovitzai racovitzai	A	3	4		Will 1972		
Fossaria	A	1	0		Burch 1989		
Physa	A	4	4		Thorp Rog 2016		
Pisidium	A	2	2		"		
Megadrili	A	1	0		"		
Naidinae	A	1	0		Kath Brin 1998		
Tubificinae (with hairs)	A	1	1		"		
Lebertia	A	1	0		Peck et al 1990		
~~Split Az Chironomidae~~	~~L~~	~~40~~	~~37~~	~~JJS~~			
Meropelopia	L	1	2		Anderet al 2013		
Zavrelimyia	L	1	2		"		
Thienemanniella group	L	0	1		"	mm	N
Orthocladiinae	L	5	0		"	mm	N
Brillia	L	1	1		"	mm	
Chaetocladius	L	0	1		"		
Corynoneura	L	6	3		"		
Cricotopus (Cricotopus) bicinctus group	L	1	0		"		

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Limnophyes	L	1	0		Anderetal 2013		
Nanocladius (Nanocladius)	L	0	2		"	imm	
Orthocladius (Orthocladius)	L	1	1		"		
Nilotanypus	L	1	4		"		
Parametriocnemus	L	11	17		"		
Parakiefferiella	L	2	0		"		
Synorthocladius	L	2	2		"		
Thienemanniella	L	0	2		"	imm	Y
T. xena	L	2	0		Bolton 2012		
Tvetenia bavarica group	L	17	10		Bode 1983		
Chironomini	L	1	0		Anderetal 2013		
Micropsectra	L	10	5		"		
Parachironomus	L	5	3		"		
Polypedilum (Polypedilum) illinoense group	L	1	1		Bolton 2012		
P. (Uresipedilum) aviceps	L	1	0		"		
Rheotanytarsus	L	1	2		Anderetal 2013		
Stempellinella	L	0	1		"		
Tanytarsus	L	0	2		"		