Pg 45

State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.w i.gov

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

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

Station Summary

Waterbody Name	**Waterbody ID Code**	**Sample ID (YYYYMMDD-CY-FD)**
UNNAMED	1453200	20160928-37-02

Sampling Location	**Database Key**
20 m us North Lane	133642288

SWIMS Station ID	**SWIMS Station Name**
10029421	UNNAMED TRIB TO LITTLE RIB RIVER AT NORTH LANE RD

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
45.032806	-89.86044	SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
CENTRAL WISCONSIN	LITTLE RIB RIVER	MARATHON

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
Lerzye, Mark	WCR LONG-TERM TREND WADEABLE REFERENCE STREAMS

Sampling Device

- [X] 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)	**Estimated Area Sampled (m^2)**	**Number of Samples in Composite**	**Replicate No.** / **of**
1	0.5	1	1 / 1

Reason For Sampling

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

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**

Water Color

- [ ] Clear
- [X] 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 m/s or f/s)	**Average Stream Depth of reach (m)**	**Average Stream Width of reach (m)**
	0.2	3

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 40

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

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

Embeddedness of Substrate at Sample Site (%) _____ **Canopy Cover at Sample Site (%)** 40

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

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

Comments - Material in stream causing suppressed DO and Slime Coving Rocks.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Taylor Hosz	Dimick, Jeffrey	20%
Date Processed	**Specimens Saved**	
7-6-17	Subsample archived in ABL until Nov 2020	

A2 45
C2 59
A1 29
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Wisconsin Department of Natural Resources
ABL SampleNum: **20160928-37-02**
Taxonomist: Dimick, Jeffrey

Waterbody: **Unnamed Tributary to Little Rib River**
SWIMS Database Key: **133642288**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Cliopera clio	L	I	1	Hilsenhoff 1995		
Baetis brunneicolor	L	-	5	Kluberdanz 2016		
B. Flavistriga species complex	L	IIII	5	"		
Acerpenna macdunnoughi	L	I	1	"		
Ephemerella subvaria	L	II	2	"		
Eurylophella	L	I	1	"	imm	
Maccaffertium vicarium	L	I	1	"		
Paraleptophlebia	L	II	2	"		
Glossosoma intermedium	L	I	1	Wymer, Morse 2000		
Hydropsychidae	L	II	2	Hilsenhoff 1995	imm	N
Cheumatopsyche	L	X II	12	"		
Hydropsyche betteni	L	X III	13	Schm, Hils. 1986		
Diplectrona modesta	L	I	1	Hilsenhoff 1995		
Ceratopsyche slossonae	L	- III	8	Schm, Hils. 1986		
Lepidostoma	L	I	1	Hilsenhoff 1995		
Dibicraphia	L	I	1	Hils., Schm. 1992		
Optioservus	L	- II	7	"	imm	N
O. fastiditus L, 1 A, 1	L,A	II	2	"		
Simulium tuberosum species group	L	II	2	Adler et al 2004		
Simulium	P	I	1	"	dam	N
Antocha	L	II	2	Hilsenhoff 1995		
Dicranota	L	0	20	"		
Ceratopogonidae	A	III	3	Williams 1972	imm	
Hygrobates	A	- III	9	Pluchino 1984		
Sperchonopsis	A	II	2	"		
~~Naidid~~ Naidinae	A	II	2	Brinkhurst 1991		
Physidae	A	I	1	Brown 1991	dam	
Pisidium	A	I	1	Burch 1972		
~~Split A3 Chironomidae~~	L	IIII JJ				
Tvetenia	P	I	1	Ferr. et al. 2008		N
Nilotanypus	L	I	1	Cranston, Epler 2013		
Orthocladiinae	L	I	1	Cranston 2013	dam	N
Parametriocnemus	L	X	10	Andr. +3 2013		
Thienemanniella baltoni	L	II	2	Bolton 2012		
Th. xena	L	I	1	"		
Tvetenia bavarica group	L	IIII	4	Bode 1983		

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Orthocladius (Orthocladius)	L	I	1	Ander. +3 2013		
Cricotopus/Orthocladius	L	I	1	Fen. et al. 2008	dam	N
Chironomidae	L	II	2	Cranston 2013	mt indet/ imm	N
Micropsectra pedellus group	L	I	1	Epler et al 2013		
Paratanytarsus sp. A	L	I	1	Hilsenhoff unpubl.		
Paratendipes	L	-II	7	Epler et al 2013		
Polypedilum (Uresipedilum) aviceps	L	II	2	Bolton 2012		
Tanytarsus	L	III	3	Epler et al 2013		