State of Wisconsin
Department of Natural Resources
PO Box 7291, Madison WI 53707-7291
dnr.wi.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	20181029-37-06

Sampling Location: US Culvert ~8m

Database Key: 171260384

SWIMS Station ID: 10029421

SWIMS Station Name: UNNAMED TRIB TO LITTLE RIB RIVER AT NORTH LANE RD

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
		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**
MYCAL RALEIGH	WCR LONG-TERM TREND WADEABLE REFERENCE STREAM

Sampling Device

- [X] D-Frame Kick Net
- [ ] Surber Sampler
- [ ] Eckman
- [ ] Ponar
- [ ] Artificial Substrate
- [ ] Hess Sampler
- [ ] Other: _____

Habitat Sampled

- [X] 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.**
1.5	2	1	1 of 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

- [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 m/s or f/s)	**Average Stream Depth of reach (m)**	**Average Stream Width of reach (m)**
	.1	3

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 30

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

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

Embeddedness of Substrate at Sample Site (%) 10 **Canopy Cover at Sample Site (%)** 20

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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	U	Chlorine	U	U
- Filamentous Algae	N	U	Dissolved Oxygen	U	U
- Planktonic Algae	N	U	Nutrients (P, N...)	U	U
Iron Bacteria	N	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
Slimes	N	U	Other - Specify:		
Other - Specify:			**Sources of Stream Impacts**		
			Bank Erosion	N	U
Physical			Point Source - Specify:		
Bank Erosion	N	U	Pasturing of Livestock	N	U
Channelization: - Upstream	N	U	Runoff: - Barnyard	N	U
- Downstream	N	U	- Construction	N	U
Hydraulic Scour / Channel Incision	N	U	- Cropland	PL	U
Impoundment: - Upstream	N	U	- Urban	N	U
- Downstream	N	U	Septic Systems	U	U
Low Flow	PL	U	Tile Drainage - Organic Soils	U	U
Sedimentation	N	U	- Mineral Soils	U	U
Sludge	N	U	Springs	U	U
Thermal	N	U	Tributary(s)	U	U
Turbidity	N	U	Wetland	U	U
Other - Specify:			Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Abby Adams	Dimick, Jeffrey	40%
Date Processed	**Specimens Saved**	
10-31-19	Subsample archived in ABL until Jan 2023	

D3 E2 D2 C1 E1 B1 A
27 21 25 15 16 21 Total = 125 specs

Wisconsin Department of Natural Resources
ABL SampleNum: **20181029-37-06**
Taxonomist: Dimick, Jeffrey

Waterbody: **Unnamed Tributary to Little Rib River**
SWIMS Database Key: **171260384**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolor	L	III	3	Klub 2016		
B. flavistriga species complex	L	I	1	"		
Ephemerella schuarra	L	II	2	"		
Maccaffertium vicarium	L	II	2	"		
Stenacron interpunctatum	L	I	1	"		
Leptophlebia	L	-	5	"	imm	
Paraleptophlebia	L	-III	8	"	imm	
Allocapnia	L	-II	8	Hrls 1995		
Nemoura trispinosa	L	I	1	"		
Cliperla cliO	L	I	1	"		
Ceratopsyche slossonae	L	IIII	4	Schm Hrls 1986		
Chevmatopsyche	L	xIIII	14	Hrls 1995		
Lepidostoma	L	xII	12	"		
Rhyacophila vibox	L	I	1	Pra MDT 2000		
Optioservus	L	I	1	Hrls Schm 1992	imm	N
O. fastiditus	L	I	1	"		
Neoporus dimidiatus = N. solitarius	A	II	2	Hrls 1994		
Neophylax	L	I	1	Hrls 1995	imm	
Culicoides	L	I	1	"		
Bezzia/Palpomyia	L	I	1	"		
Antocha	L	III	3	"		
Dicranota	L	-	5	"		
Pilaria	L	I	1	"		
Tipula	L	II	2	"		
Caecidotea racovitzai racovitzai	A	-III	9	Will 1972		
Enchytraeidae	A	I	1	Thorp Rog 2016		
Naidinae	A	-II	7	Brinkhurst 1991		
Tubificinae (without hairs)	A	III	3	Klemm 1985		Y
Tubificinae (with hairs)	A	-	5	"		Y
Physa	A	III	3	Thorp Rog 2016		
Pisidium	A	II	2	Mackie 2007		
~~Split A3 Chironomidae~~	~~L~~	~~II WD~~				
Nilotanypus	L	I	1	Cran Epl 2013		
Orthocladiinae 08300000	L	I	1	Cranston 2013	mt indet	Y
Diplocladius	L	III	4	And f 3 2013		
Parametriocnemus	L	x	10	"		
Thienemanniella	L	II	2	"	imm	N

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Thienemanniella xena	L	I	1	Bolton 2012		
Micropsectra	L	-II	7	Epl et al 2013		
Paratendipes	L	I	1	"		
Polypedilum (Polypedilum) illinoense group	L	I	1	Bolton 2012		
Rheotanytarsus	L	I	1	Epl et al 2013		
Stempellinella	L	I	1	"		
Tanytarsus	L	III	3	"		