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	20201119-37-02

Sampling Location	**Database Key**
~5m upstream North Lane Rd culvert	254030029

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**
		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**
KURT RASMUSSEN, ANDREW J SCHNEYEI	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.** / **of**
1	1	1	1 / 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)**
2.79	12.56	92.8	7.23	217	—

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)**
	.5	1.5

Composition of Substrate Sampled (Percent):

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

Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

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

Embeddedness of Substrate at Sample Site (%) 16 **Canopy Cover at Sample Site (%)** 30

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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	PL	PL
- Filamentous Algae	N	N
- Planktonic Algae	N	N
Iron Bacteria	N	N
Macrophytes	N	N
Slimes	N	N
Other - Specify:		
Physical		
Bank Erosion	PL	PL
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	N	N
Sludge	N	N
Thermal	N	N
Turbidity	N	N
Other - Specify:		

Factors that may be influencing Water Resource Integrity	Local	Water-shed
Chemical		
Chlorine	N	N
Dissolved Oxygen	N	N
Nutrients (P, N...)	N	N
Toxics: - Inorganic (Metals)	N	N
- Organic (PCBs, pesticides...)	N	N
Other - Specify:		
Sources of Stream Impacts		
Bank Erosion	PL	PL
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:		

Comments: Sampled - 15m upstream North Lone Rd culvert in a riffle. Substrate consisted mainly of cobble and gravel with some sand mixed in.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Rachael Valeria	Dimick, Jeffrey	18.8 %
Date Processed	**Specimens Saved**	
1/25/2022	Subsample archived in ABL until Mar 2025	

D2 B B3 A1 A2 A3 A4 B
Q2-18 Q1-13 Q1+Q2=16
Q3-6 Q4-14 Q3+Q4=36
Q1+Q4-13 Q3+Q2-26

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Wisconsin Department of Natural Resources rbody: **Unnamed Tributary (1453200) to Little Rib River**
ABL SampleNum: **20201119-37-02** SWIMS Database Key: **254030029**
Taxonomist: Dimick, Jeffrey

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Ephemerella	L	I	1	MCB 2019	imm	Y
E. subvaria	L	-III	8	Klub 2016		
Maccaffertium	L	I	1	"	imm	
Stenacron	L	I	1	MCB 2019	imm	
Leptophlebia	L	I	1	"	dam	
Neoleptophlebia	L	-III	8	"	dam	
Allocapnia	L	II	2	"		
Ceratopsyche slossonae	L	OIII	23	Schm Hils 1986		
Cheumatopsyche	L	⊗	30	MCB 2019		
Hydropsyche betteni	L	-III	9	Schm Hils 1986		
Glossosoma intermedium	L	I	1	Wym Mor 2000		
Lepidostoma	L	I	1	MCB 2019		
Neophylax	L	-III	9	"	imm	
Optioservus	L	III	3	"	imm	N
O. fastiditus L.3 A.1	L,A	IIII	4	Hils Schm 1992		
Ceratopogon cuticoidithorax	L	-	5	Hils 1995		
Prosimulium	L	I	1	MCB 2019	imm	
Antocha	L	I	1	"		
D. craneata	L	III	3	"		
Mermithidae	A	I	1	Thorp Rog 2016		
Hygrobates	A	IIII	4	Peck et al 1990		
Sperchonidae	A	III	3	"		
Cyclopidae	A	I	1	Thorp Rog 2016		
~~Split Az Chironomidae~~	L	~~X-III-III~~				
Brillia	L	I	1	And et al 2013	imm	
Tvetenia bavarica group	L	II	2	Bode 1983		
orthocladinae (Cricotopus)	L	I	1	And et al 2013	imm	Y
Cardiocladius obscurus	L	I	1	Epler 2001		
Diplocladius	L	I	1	And et al 2013		
Heleniella	L	I	1	"		
Limnophyes	L	II	2	"		
Orthocladius (Symposiocladius) annectens	L	I	1	Bolton 2012		
Parametriocnemus	L	II	2	And et al 2013		
Chironominae	L	I	1	"	imm	N
Cladotanytarsus	L	I	1	"		
Micropsectra	L	I	1	"		

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Taxonomist: Dimick, Jeffrey

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Parakiefferiella	L	I	1	And et al 2013	not indet	
Polypedilum (Uresipedilum) aviceps	L	I	1	Bolton 2012		
Tanytarsus	L	III	3	And et al 2013		