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)**
NORTH BRANCH CEDAR CREEK	22500	20171026-67-03

Sampling Location	**Database Key**
	150685652

SWIMS Station ID	**SWIMS Station Name**
10022038	NORTH BRANCH CEDAR CREEK - UPSTREAM OF CTHY NN

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.362175	-88.06961	SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
MILWAUKEE RIVER	CEDAR CREEK	WASHINGTON

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
RACHEL SABRE	SER LONG-TERM TREND WADEABLE REFERENCE STREAMS

Sampling Device

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

Habitat Sampled

- [ ] Riffle
- [X] 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 Min	1 m^2	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)**
8.92	11.13	89.8	7.95	841.8	120

Water Color

- [X] Clear
- [ ] Turbid
- [ ] Stained

Estimated Stream Velocity (m/s)

- [ ] Slow (< 0.15 m/s)
- [ ] Moderate (0.15 m/s - 0.5 m/s)
- [X] 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)**
—	0.4	6m

Composition of Substrate Sampled (Percent):

Bedrock:	Boulders (basketball or larger): 10	Rubble (tennisball to basketball):	Gravel (ladybug to tennisball): 20
Sand: 10	Clay:	Silt/Muck: 10	Overhanging Vegetation: 40
Aquatic Macrophytes: 10	Leaf Snags:	Coarse Woody Debris:	Other (_____):

Embeddedness of Substrate at Sample Site (%) 30 % **Canopy Cover at Sample Site (%)** 10%

NB of Cedar Creek @ Hwy NN
Sample # 20171026-67-03
Station # 10022038
Rachel Sabre
1 of 1

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Murphy Steinke	Dimick, Jeffrey	20%
Date Processed	**Specimens Saved**	
10/19/18	Subsample archived in ABL until Jan 2022	

3E 41 2C 43
C 55 Total = 139

Wisconsin Department of Natural Resources
ABL SampleNum: **20171026-67-03**
Taxonomist: Dimick, Jeffrey

Waterbody: **North Branch Cedar Creek**
SWIMS Database Key: **150685652**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Callibaetis	L	I	1	Klub 2016		
Labiobaetis frondalis	L	-II	7	"		
Caenis latipennis	L	III	3	"		
Caloperyx aequabilis	L	I	1	West May 1996		
Coenagrionidae	L	I	1	"	imm	
Helicopsyche borealis	L	~~HHT~~	5	Hils 1995		
Helicopsyche	P	I	1	WiscCorr 2008		N
Cheumatopsyche	L	-IIII	9	Hils 1995		
Ceratopsyche bronta	L	II	2	Schm Hils 1986		
Triaenodes	L	II	2	Hils 1995	imm	
Limnephilidae	L	0	20	"	imm	N
Platycentropus amicus	L	III	3	Wics 1996		
Pycnopsyche	L	IIII	4	Hils 1995		
Parapoynx	L	I	1	"		
Dubiraphia	L	II	2	Hils Schm 1992		N
D. quadrinotata	A	III	3	"		
Macronychus glabratus	L	I	1	"		
Tropisternus mixtus	A	I	1	Hils 1995c		
Cyphon	L	I	1	Hils 1995		
Hemerodromia	L	-	5			
Hyalella welbomi	A	×1	11	Soucek et al 2015		
Caecidotea intermedia	A	-4	7	Will 1972		
Nesperocorixa minocella	A	II	2	Hils 1984a		
Naidinae	A	I	1	Brinkeld 1991		
Tubificinae (without hairs)	A	I	1	Klemm 1985		
Physa	A	II	2	Thorp Rog 2010		
Hydrobiidae NOT P. antipodarum	A	II	2	Brown 1991		
~~Split A3 Chironomidae~~	L	+JJO				
Conchapelopia 08270700	L	III	3	Cran Epl 2013		
Nilotanypus	L	I	1	"		
Pentaneura inconspicua	L	I	1	Epler 2001		
Zavrelimyia	L	I	1	Cran Epl 2013		
Orthocladiinae 08300000	L	I	1	Cranston 2013	imm	N
Brillia	L	I	1	Andert 3 2013	imm	
Corynoneura	L	IIII	4	"		
Limnophyes	L	I	1	"		

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Cricotopus (Cricotopus) bicinctus group	L	III	3	~~Epler~~ Epler et al 2013		
C. (Isocladius)	L	II	2	"		
Cladotanytarsus	L	I	1	Epler et al 2013		
Microspectra	L	-	5	"		
Microtendipes pedellus group	L	I	1	~~Hils~~ Epler et al 2013		
Paratanytarsus sp. A	L	- III	8	Hils unpubl		
P. sp. B	L	I	1	"		
P. longistilus	L	I	1	Epler et al 2013		
Polypedilum (Polypedilum) illinoense group	L	III	3	Bolton 2012		
Rheotanytarsus	L	- II	7	Epler et al 2013		