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

Sample in 2 jars

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	20161024-67-02

Sampling Location: 25m US CTH NN Bridge

Database Key: 137220830

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**
DYLAN OLSON	SER LONG-TERM TREND WADEABLE REFERENCE STREAMS

Sampling Device

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

Habitat Sampled

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

• gravelly run
• overhanging veg,
• detritus / silt

Total Sampling Time (min)	**Estimated Area Sampled (m^2)**	**Number of Samples in Composite**	**Replicate No.** of
3min	2m²	2	2 of 2 (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)**
11.3	12.2	114.9	7.9	877.0	+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: m/s or f/s)	**Average Stream Depth of reach (m)**	**Average Stream Width of reach (m)**
	0.4	2m

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): 30

Sand: 30 Clay: _____ Silt/Muck: 20 Overhanging Vegetation: _____

Aquatic Macrophytes: 10 Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 30 **Canopy Cover at Sample Site (%)** 0

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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		
- Filamentous Algae		
- Planktonic Algae		
Iron Bacteria		
Macrophytes		
Slimes		
Other - Specify:		
Physical		
Bank Erosion		
Channelization: - Upstream		
- Dow nstream		
Hydraulic Scour / Channel Incision		
Impoundment: - Upstream		
- Dow nstream		
Low Flow		
Sedimentation		
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		
Point Source - Specify:		
Pasturing of Livestock		
Runoff: - Barnyard		
- Construction		
- Cropland		
- Urban		
Septic Systems		
Tile Drainage - Organic Soils		
- Mineral Soils		
Springs		
Tributary(s)		
Wetland		
Other - Specify:		

Comments

Special Instructions for Laboratory

Sample in 2 jars

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Taylor Hasz	Dimick, Jeffrey	7%
Date Processed	**Specimens Saved**	
5-11-17	Subsample archived in ABL until Nov 2020	

AZ 224

Wisconsin Department of Natural Resources
ABL SampleNum: **20161024-67-02**
Taxonomist: Dimick, Jeffrey

Waterbody: **North Branch Cedar Creek**
SWIMS Database Key: **137220830**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Labiobaetis frondalis	L	IIII	4	Kluber-Lenz 2016		
Caenis	L	I	1	"	imm	
Stenacron	L	I	1	"	imm	N
S. interpunctatum	L	I	1	"		
Calopteryx aequabilis	L	I	1	Hesh. May 1996		
C. maculata	L	III	3	"		
Coenagrion/Enallagma	L	II	2	Schmude unpubl.		
Cheumatopsyche	L	IIII	33	Hilsenhoff 1995		
Hydropsyche	L	I	1	"	imm	N
H. betteni	L	-III	8	Schm., Hils. 1986		
Helicopsyche borealis	L	I	1	Hilsenhoff 1995		
Hydroptila	L	IIII	4	"		
Mystacides sepulchralis	L	II	2	Bright 2013		
Limnephilidae	L	I	1	Hilsenhoff 1995	imm	N
Platycentropus amicus	L	I	1	Wiggins 1996		
Sialis	L	I	1	Hilsenhoff 1995		
Parapoynx	L	I	1	"		
Dehcraphia	L	XV	15	Hils., Schm. 1992		N
D. quadrinotata	A	I	1	"		
Optioservus fastiditus	L	II	2	"		
Nimerodromia	L	-III	8	Coult. Mean 2008		
Hyalella	A	0-I	27	Pennak 1978		
Caecidotea intermedia	A	XIII	13	Williams 1972		
Trombidiformes	A	I	1	Thorp & Rogers 2016	imm	
Naididae	A	IIII	4	Brin, Gelder 1977		
Tubificinae w/o capilliform chaetae	A	III	3	Klemm 1985		
Hydrobiidae NOT P. antipodarum	A	X-IIII	19	Brown 1991		
Sphaeriidae	A	III	3	Brown 1972		
~~Subfam. Chironominae~~	L	I-II)				
Conchapelopia	L	I	1	Coon, Epler 2013		
Procladius (Holotanypus)	L	II	2	"		
Orthocladiinae	L	I	1	Coonston 2013	imm	N
Corynoneura	L	I	1	Ander. +3 2013		
Ablabesmyia (Ablabesmyia)	L	I	1	Coon, Epler 2013	imm	
Labrundinia pilosella	L	I	1	Epler 2001		
Clinotanypus	L	I	1	Coon, Epler 2013		

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Parametriocnemus	L	i	1	Anderson 2013		
Thienemanniella	L	I	1	"	dam	
Nanocladius	L	I	1	"	imm	JD
Cricotopus/Orthocladius	L	I	1	Ferr. et al 2008	imm	~~AY~~
Cricotopus (Isocladius) sylvestris group	L	II	2	Anderson 2013		
Cladotanytarsus	L	X	10	Epler et al 2013		
Micropsectra	L	III	3	"		
Paratanytarsus sp. A	L	𝍸	30	Hilsenhoff unpubl		
P. sp. B	L	I	1	"		
Polypedilum (Uresipedilum)	L	i	1	Epler et al 2013		
P. (U.) Flavum	L	III	3	Bolton 2012		
Paratendipes	L	-I	6	Epler et al 2013		
Rheotanytarsus	L	0-II	27	"		
Stictochironomus	L	i	1	"		
Tanytarsus	L	-I	6	"		