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	20201007 - 67 - 32

Sampling Location	**Database Key**
US CTH NN	250470568

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**
43.3622	-88.0697	(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**
Sabre, Rachel	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
- [x] 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**
2min	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)**
14.04	13.97	136.8	7.25	1178	120+

Water Color

- [x] Clear
- [ ] Turbid
- [ ] Stained

Estimated Stream Velocity (m/s)

- [x] Slow (< 0.15 m/s)
- [ ] 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)**
	0.25m	6

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 10

Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 30

Aquatic Macrophytes: 20 Leaf Snags: _____ Coarse Woody Debris: 20 Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 20% **Canopy Cover at Sample Site (%)** 0%

20201007-67-32
Station # 10022038
Sample 1 of 1
NB Cedar Creek - US CTH NN
WBIC 22500
Rachel Sabre
LTT Wadable Reference Streams

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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		
- Downstream		
Hydraulic Scour / Channel Incision		
Impoundment: - Upstream		
- Downstream		
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

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Reed, Kayla	Dimick, Jeffrey	31.25%
Date Processed	**Specimens Saved**	
12-13-2021	subsample 125 archived in ABL until Feb 2025	

B1Q2 → 6
D4Q3 → 13
B1Q3 → 9
D4Q1 → 16
B1Q4 → 2
D4Q2 → 14
B1Q1 → 2
D4Q4 → 8
A3Q2 → 6
A3Q1 → 5
A3Q4 →
A3Q3 → } 7
A4Q4 → 8
A4Q3 → 7
A4Q2 → 5
A4Q1 → 10
D1Q4 → 0
D1Q1 → 5
D1Q2 → 3
D1Q3 → 3

Wisconsin Department of Natural Resources
ABL SampleNum: **20201007-67-32**
Taxonomist: Dimick, Jeffrey

Waterbody: **North Branch Cedar Creek**
SWIMS Database Key: **250470568**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Acerpenna	L	1	1	MCB 2019	dam	
Labiobaetis frondalis	L	III	3	Klub 2016		
Stenacron	L	X	10	MCB 2019	imm	
Calopteryx aequabilis	L	II	2	WestMay 2006		
Coenagrionidae	L	1	1	MCB 2019	imm	
Ranatra fusca	A	1	1	Hils 1984a		
Corixidae	A	#10	1	MCB 2019	imm	
Helicopsyche borealis	L	II	2	Hils 1995		
Ceratopsyche bronta	L	1	1	SchmHils 1986		
Chematopsyche	L	XIII	13	MCB 2019		
Leptoceridae	L	1	1	"	imm	
Lirdessus affinis	A	1	1	Hils 1994		
Dubiraphia	L	1	1	MCB 2019		N
D. minima	A	1	1	Hils Schm 1992		
D. quadrinotata	A	-	5	"		
Macronychus glabratus L,1 A,1	L,A	II	2	Hils 1995		
Parakiefferiella	P	III	3	MCB 2019		N
Thienemanniella	P	1	1	"		N
Nemerodromia	L	III	3	"		
Odontomyia	L	1	1	"		
Hyalella azteca	A	6-III	38	Soucek et al 2013		
Caecidotea intermedia	A	-1	6	Will 1972		
Dugesiidae	A	4	2	Thorp Rog 2016		
Laevapex fuscus	A	II	2	"		
Hygrobates	A	II	2	Peck et al 1990		
Cyclopidae	A	1	1	Thorp Rog 2016		
~~Tribe Chironomini~~	~~L~~	~~6+1111~~				
Corynoneura	L	III	3	And et al 2013		
Cladotanytarsus	L	1	1	"		
Micropsectra pedellus group	L	II	2	"		
Rheotanytarsus	L	-1	6	"		
Labrundinia pilosella	L	1	1	Bolton 2012		
Cricotopus (Cricotopus)	L	1	1	And et al 2013		N
C-(C.) bicinctus group	L	1	1	"		
Parakiefferiella	L	-	5	"		
Thienemanniella	L	1	1	"	imm	

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Dicrotendipes	L	1	1	And et al 2013		
Paratanytarsus (P. A/B)	L	III	3	"	mt mdct	N
P- species A	L	1	1	Wils unpubl.		
P- species B	L	1	1	"		
P- longistilus	L	1	1	And et al 2013		
Parachironomus	L	1	1	"		
Polypedilum (Polypedilum) illinoense group	L	II	2	Bolton 2012		
P- (Tripodura) scalaenum group	L	1	1	"		
P- (Uresipedilum) flavum	L	II	2	"		
Tanytarsus	L	1	1	And et al 2013		