CDC-04

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)**
CEDAR CREEK	21300	20200925-67-02

Sampling Location	**Database Key**
@ STH 60	251835585

SWIMS Station ID	**SWIMS Station Name**
673048	CEDAR CREEK AT STH 60

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.3236	-88.1423	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**
CRAIG HELKER	MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRA

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** ____
2	1		

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [X] Other: M.Iw. River Survey

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
					+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	**Average Stream Depth of reach (m)**	**Average Stream Width of reach (m)**
.28	m/s **or** (f/s)	.7	10

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 70 Gravel (ladybug to tennisball): 20

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

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

Embeddedness of Substrate at Sample Site (%) 80 **Canopy Cover at Sample Site (%)** 50

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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
Raatz, Trevor	Dimick, Jeffrey	~~11.67~~ 12.7
Date Processed	**Specimens Saved**	
12/9/2020	Subsample archived 42 in ABL until Feb 2024	

C3: Q1: 14
A2: Q2: 14: 28
C3: Q4: 21: 49
A2: Q3: 22: 71

C3: Q3: 19: 90
A2: Q1: 25: 115
C3: Q2: 27: 142

Wisconsin Department of Natural Resources
ABL SampleNum: **20200925-67-02**
Taxonomist: Dimick, Jeffrey

Waterbody: **Cedar Creek**
SWIMS Database Key: **251835585**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Stenacron	L	I	1	MerchumB 2019	imm	
Caloptenyx	L	I	1	"	imm	
Hydropsychidae	L	I	1	"	imm	
Dubiraphia	L	-IIII	9	"		N
D. minima	A	I	1	Hilsenhoff 1982		
Berosus	L	I	1	MerchumB 2019		
Stenelmis	L	I	1	"		
Cricotopus (Cricotopus)	P	II	2	Wiederholm 1986		
Parakiefferiella	P	III	3	MerchumB 2019		
Microtendipes (Pedellus Gr.)	P	I	1	"		N
Hemerodromia	L	I	1	"		
Gammarus pseudolimnaeus	A	II	2	Hoke 1972		
Caecidotea intermedia	A	III	3	Williams 1972		
Hydrobiidae NOT P. antipodarum	A	II	2	Thorp&Covich 1991		
Pisidium	A	I	1	Thorp&Rogers 2016		
Tubificinae (without hairs)	A	I	1	Kathman&Brinkhurst 1998	post frag	
Antocha	L	I	1	MerchumB 2019		
Mallochohelea	L	I	1	Hilsenhoff 1995		
~~Split Aza Chironomidae~~	~~L~~	~~8 x 1/2~~				
~~Split Azb Chironomidae~~	~~L~~	~~8 x 1/2~~				
Cryptochironomus	L	/I	6	And et al 2013		
Microtendipes pedellus group	L	/II	7	"		
Cricotopus (Isocladius) sp. near absurdus	L	1	1	Bolton 2012		
Parakiefferiella	L	8 IIII	34	And et al 2013		N
Chironomini 08330000	L	II	2	"	not indet	N
Chironomus	L	/	5	"		
Cladotanytarsus	L	-	5	"		
Dicrotendipes	L	III	3	"		
Micropsectra	L	I	1	"		
Polypedilum (Tripodura) scalaenum group	L	x-I	16	Bolton 2012		
P. (Uresipedilum) flavum	L	0	20	"		