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)**
CEDARBURG CREEK	22900	20191106-67-02

Sampling Location	**Database Key**
• CTH M	220742811

SWIMS Station ID	**SWIMS Station Name**
10044028	CEDARBURG CREEK AT M

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.32468	-88.08264	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 MACROINVERTEBRAT

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	2		

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [X] Other: _____

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
1.21	12.05	87.2		716.7	+120

Water Color

- [ ] Clear
- [ ] Turbid
- [X] 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)**
	.6	3.5

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 40 Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): _____

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

Aquatic Macrophytes: _____ 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		
- 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
Eric Naas	Dimick, Jeffrey	47%
Date Processed	**Specimens Saved**	
6/18/2020	Subsample archived in ABL until Aug 2023	

C3 D1 B3 A1 B2 A2 E3
18 17 21 21 28 14 28 = 147

Wisconsin Department of Natural Resources
ABL SampleNum: **20191106-67-02**
Taxonomist: Dimick, Jeffrey

Waterbody: **Cedarburg Creek**
SWIMS Database Key: **220742811**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Callibaetis	L	I	1	Klub 2016	dam	
Cheumatopsyche	L	II	2	MerrCumm B 2019		
Nemotaulius hostilis	L	I	1	~~Hils 1995~~ MerrCumm B 2019		
Odontomyia	L	I	1	MerrCumm B 2019		
Tipula	L	II	2	"		
Gammarus pseudolimnaeus	A	Box	70	Hols 1972		
Caecidotea intermedia	A	Box-III	39	Will 1972		
Cransonyx	A	III	4	Thorp/Rog 2016	fem	
Mesacrili = Metasynaphora	A	II	2	"		
Physa	A	I	1	"		
~~Split Az Chironomidae~~	~~L~~	~~X-II-JJ~~				
Microtendipes pedellus group	L	III	3	Epl et al 2013		
Stictochironomus	L	IIII	4	"		
Corynoneura 08270700	L	I	1	Cran Epl 2013		
Procladius (Holotanypus)	L	IIII	4	"		
Cryptochironomus	L	I	1	Epl et al 2013		
Paralauterborniella nigrohalterale	L	I	1	"		
Paratanytarsus species A	L	II	2	Hils unpubl		
Paratendipes	L	-	5	Epl et al 2013		
Polypedilum(Polypedilum) illinoense group	L	II	2	Bolton 2012		