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)**
EVERGREEN CREEK	23000	20191010-67-03

Sampling Location: ds of Pleasant Valley Rd.

Database Key: 220742815

SWIMS Station ID	**SWIMS Station Name**
10016817	EVERGREEN CR. - 100 FT DWNSTREAM PLEASANT VALLEYRD

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.352	88.1281	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

- [X] Riffle
- [ ] 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	1		

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)**
12.97	10.84	104.8		777.5	110

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)**
	.4	4

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): 30

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

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

Embeddedness of Substrate at Sample Site (%) 10 **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	13%
Date Processed	**Specimens Saved**	
6/2/2020	Subsample archived in ABL until Aug 2023	

A2, C3
54 + 81 = 135

Wisconsin Department of Natural Resources
ABL SampleNum: **20191010-67-03**
Taxonomist: Dimick, Jeffrey

Waterbody: **Evergreen Creek**
SWIMS Database Key: **220742815**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolor	L	-I	6	Klub 2016		
13. flavistriga species complex	L	I	1	"		
Stenacron	L	-	5	"	imm	N
S. interpunctatum	L	-IIII	9	"		
Ceratopsyche slossonae	L	I	1	Schm Hols 1986		
Cheumatopsyche	L	IIX	4	MerrComm B 2019		
Limnephilidae	L	I	1	"	imm	
Optioservus fastiditus L.4 A.2	L,A	-I	6	Hols Schm 1992		
Stenelmis crenata	A	"	2	"		
Ectopria leechi / nervosa	L	I	1	"		
Simulium vittatum species complex 08110217	L	-	5	Adler et al 2004		
Gammarus pseudolimnaeus	A	8×III	53	Hols 1972		
Caecidotea intermedia	A	8-I	46	Will 1972		
Orconectes	A	I	1	Hobbs, Jass 1988	imm	
Erpobdella punctata punctata	A	I	1	Klemm 1985		
no Chironomidae larvae in grid subsample						

<3 taxa, TVAL ≤2.0