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)**
UNNAMED	1400500	2020 ~~2010~~ 0606-72-03

Sampling Location: 30m upstream of Maple Rd bridge

Database Key: 250467568

SWIMS Station ID	**SWIMS Station Name**
503161	UNNAMED TRIB TO MILL CREEK AT MAPLE RD

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
44.598725	-89.961978	SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
CENTRAL WISCONSIN	MILL CREEK	WOOD

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
TAYLOR HASZ	MILL CREEK TWA 2020 (319 PROJECT-FUNDED)

Sampling Device

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

Habitat Sampled

- [ ] Riffle
- [X] Run
- [ ] Pool
- [X] 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**
3	2	1	1 / 1

Reason For Sampling

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

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
8.65	9.89	85.1	7.68	623	

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)**
	.4	1

Composition of Substrate Sampled (Percent):

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

Sand: 60 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: 20

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	N	U
- Filamentous Algae	PL	U
- Planktonic Algae	N	U
Iron Bacteria	N	U
Macrophytes	PL	U
Slimes	N	U
Other - Specify:		
Physical		
Bank Erosion	PL	PL
Channelization: - Upstream	N	U
- Downstream	N	U
Hydraulic Scour / Channel Incision	N	U
Impoundment: - Upstream	N	N
- Downstream	N	N
Low Flow	PL	PL
Sedimentation	PL	PL
Sludge	N	U
Thermal	N	U
Turbidity	N	U
Other - Specify:		

Factors that may be influencing Water Resource Integrity	Local	Water-shed
Chemical		
Chlorine	N	U
Dissolved Oxygen	N	U
Nutrients (P, N...)	PL	PH
Toxics: - Inorganic (Metals)	N	U
- Organic (PCBs, pesticides...)	N	U
Other - Specify:		
Sources of Stream Impacts		
Bank Erosion	PL	PL
Point Source - Specify:	N	U
Pasturing of Livestock	N	PL
Runoff: - Barnyard	N	PL
- Construction	N	U
- Cropland	PL	PH
- Urban	N	PL
Septic Systems	N	U
Tile Drainage - Organic Soils	U	U
- Mineral Soils	U	U
Springs	U	U
Tributary(s)	PL	U
Wetland	PL	U
Other - Specify:		

Comments: Sampled 30 m upstream of Maple Road bridge. Sampling hard due to no riffle habitat and little to no suitable habitat. Sampled overhanging vegetation and areas with little gravel.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Raatz, Trevor	Dimick, Jeffrey	11.6
Date Processed	**Specimens Saved**	
5/3/2021	Subsample archived in 31 AB Cabinet Jul 2024	

D3Q4:20
B3Q1:16:36
D3Q1:21:57
B3Q2:15:72
D3Q3:24:96
B3Q3:13:109
D3Q2:22:131

Wisconsin Department of Natural Resources
ABL SampleNum: **20201006-72-03**
Taxonomist: Dimick, Jeffrey

Waterbody: **Unnamed Tributary (1400500) to Mill Creek**
SWIMS Database Key: **250467568**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Caenis	L	I	1	MCB 2019	imm	N
C. punctata	L	-III	8	Klub 2016		
Calopteryx aequabilis	L	I	1	WestMay 2006		
Cheumatopsyche	L	III	3	MCB 2019		
Belostoma flumineum	A	I	1	Hils 1984a		
Physaeidae	L	I	1	MCB 2019	dam	
Dubiraphia	L	-III	13	"		
Haliplus connexus	A	I	1	Hils Bris 1978		
Diptera (Brachycera)	P	I	1	MCB 2019		
Culicoides	L	-III	18	Hils 1995		
Mallochohelea	L	III	3	"		
Probezzia	L	-III	8	"		
Bezzia/Palpomyia	L	II	2	"		
Chrysops	L	II	2	MCB 2019		
Pilaria	L	II	2	"		
Tipula	L	III	3	"		
Hyalella spinicauda	A	-IIII	19	Soucek et al 2015		
Cyclopidae	A	II	2	Thorp Rog 2016		
Daphnidae	A	I	1	"		
Sididae	A	-	5	"		
Hydrobiidae NOT P. antipodarum	A	I	1	Burch 1989		
Physa	A	II	2	Thorp Rog 2016		
Pisidium	A	III	3	"		
Naidinae	A	III	3	Kath Bou 1998		Y
Vejdovskyella	A	I	1	"		
Tubificinae (without hairs)	A	II	2	"		
Helobdella echoensis	A	IIII	4	Saglam et al 2018		
~~Split Az Chironomidae~~	~~L~~	~~B-I-NJ~~				
Cryptochironomus	L	II	2	And et al 2013		
Procladius (Holotanypus)	L	III	3	"		
Zavrelimyia	L	-	5	"		
Orthocladiinae	L	II	2	"	imm	N
Cricotopus (Isocladius) sylvestris group	L	I	1	"		
Limnophyes	L	I	1	"		
Parakiefferiella	L	I	1	"		
Thienemanniella xena	L	II	2	Bolton 2012		
Chironominae	L	-	5	And et al 2013	imm	N

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Cladotanytarsus	L	-11	7	Andersen 2013		
Dicrotendipes	L	111	4	"		
Paratendipes	L	111	3	"		
Polypedilum	L	11	3	"	immy	
Rheotanytarsus	L	1	1	"		
Stictochironomus	L	111	3	"		
Tanytarsus	L	111	4	"		