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	1399300	20201103-50-03

Sampling Location	**Database Key**
10m upstream	250467588

SWIMS Station ID	**SWIMS Station Name**
10053979	UNNAMED AT CTH HH

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
44.588695	-89.719076	SWIMS SWDV GPS	WGS84 or NAD83

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

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

- [X] 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.**
2	2	1	1 of 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)**

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)**
	.7	1

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 10 Gravel (ladybug to tennisball): 20

Sand: 20 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: 40

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	PL	U
- Filamentous Algae	PL	U
- Planktonic Algae	N	U
Iron Bacteria	N	N
Macrophytes	N	N
Slimes	N	N
Other - Specify:		
Physical		
Bank Erosion	PL	PL
Channelization: - Upstream	N	PL
- Downstream	N	PL
Hydraulic Scour / Channel Incision	N	U
Impoundment: - Upstream	N	N
- Downstream	N	N
Low Flow	N	U
Sedimentation	N	U
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	U
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	N	PL
- Urban	N	PL
Septic Systems	U	U
Tile Drainage - Organic Soils	U	U
- Mineral Soils	U	U
Springs	N	U
Tributary(s)	N	U
Wetland	PL	PL
Other - Specify:		

Comments Sampled ~ 10 m upstream bridge. Sampled in a small riffle and overhanging vegetation.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Dimick, Jeffrey	Dimick, Jeffrey	15.6
Date Processed	**Specimens Saved**	
6/7/2021	Subsample archived in ABL until July 2024	

D1 q2 - 18
q3 - 6
1 - 8
4 - 13

A1 q4 - 20
q1 - 13
3 - 13
2 - 12

A3 q1 - 18
4 8
2
3

TDS=20
129

Wisconsin Department of Natural Resources
ABL SampleNum: **20201103-50-03**
Taxonomist: Dimick, Jeffrey

Waterbody: **Unnamed (1399300)**
SWIMS Database Key: **250467588**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Chematopsyche	L	-II	7	MCB 2019		
Hydropsyche betteni	L	-I	6	Schm Hils 1986		
Platycentropus	L	-I	6	MCB 2019		
Ptilostomis	L	I	1	"		
Sigara alternata	A	I	1	Hils 1984 a		
Optioservus	L	I	1	MCB 2019	imm	N
Anacaena lutescens	A	I	1	Hils 1995 b		
Tropisternus glaber	A	I	1	Hils 1995 c		
Optioservus fastiditus	L	I	1	Hils Schm 1992		
Diptera (Brachycera)	P	XIIII	15	MCB 2019		
Parametriocnemus	P	I	1	"		
Dicranota	L	I	1	"		
Tipula	L	I	1	"		
Cragonyx	A	X	10	Thorp Rog 2016	Rem	
Gammarus pseudolimnaeus	A	III	4	Hols 1972		
Caecidotea communis	A	80-	65	Will 1972		
Tub. ficinae (without hairs)	A	III	3	Kath Bou 1998		
~~Split to Chironomidae~~	L	0->JW				
Cryptochironomus	L	I	1	And et al 2013		
Metriopelopia	L	III	3	"		
Thienemanniniyia group	L	II	2	"	imm	N
Diplocladius	L	IIII	4	"		
Limnophyes	L	II	2	"		
Orthocladius (Orthocladius) oliveri	L	I	1	Bolton 2012		
Parakiefferiella	L	I	1	And et al 2013		
Parametriocnemus	L	II	2	"		
Paraphaenocladius	L	I	1	"		
Cladotanytarsus	L	I	1	"		
Paratendipes	L	I	1	"		
Phaenopsectra flavipes	L	I	1	Bolton 2012		
Polypedilum (Uresipedilum) flavum	L	II	2	"		
Rheotanytarsus	L	I	1	And et al 2013		
Stictochironomus	L	III	3	"		