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	1399400	20201103-50-01

Sampling Location	**Database Key**
~50m upstream Town Hall Rd culvert	250467544

SWIMS Station ID	**SWIMS Station Name**
503160	MILL CREEK UNNAMED TRIB. TO - TOWN HALL RD.

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
44.557569	-89.769561	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

- [ ] 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** ___
5	3	1	1 of 1

Reason For Sampling

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

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)**
	.3	.5

Composition of Substrate Sampled (Percent):

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

Sand: 30 Clay: _____ Silt/Muck: 20 Overhanging Vegetation: 50

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

Embeddedness of Substrate at Sample Site (%) 0 **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	N	U
- Planktonic Algae	N	U
Iron Bacteria	N	N
Macrophytes	N	N
Slimes	N	N
Other - Specify:		
Physical		
Bank Erosion	N	PL
Channelization: - Upstream	PL	PL
- Downstream	PL	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	N	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 ~50 m upstream of Town Hall Rd. Sampled mostly overhanging vegetation due to no riffles. Only substrate present was sand and silt.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Reed, Kayla	Dimick, Jeffrey	16.7%
Date Processed	**Specimens Saved**	
5-11-2021	Subsample archived 130 in ABL cntrl Jul 2024	

A2Q2 - 6 A2Q1 - 21 C1Q4 - 19
D3Q2 - 10 D3Q1 - 15 C1Q2 - 15
A2Q3 - 2 A2Q4 - 11 C1Q3 -
D3Q4 - 27 D3Q3 - 10 C1Q1 -

Wisconsin Department of Natural Resources
ABL SampleNum: **20201103-50-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Unnamed Tributary (1399400) to Mill Creek**
SWIMS Database Key: **250467544**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Leptophlebia	L	I	1	MCB 2019	imm	
Limnephilidae	L	III	3	"	imm	N
Platycentropus	L	IIII	4	"		
Ptilostomis	L	IIII	4			
Belostoma flumineum	A	I	1	Hils 1984a		
Lepidoptera	L	I	1	MCB 2019		
Dytiscidae Agabus/Ilybius/Liybius	L	I	1	"		
Dubiraphia minima	A	I	1	Hils Schm 1992		
Helophorus orientalis	A	I	1	Hils 1995b		
Bezzia/Palpomyia	L	II	2	Hils 1995		
Pilaria	L	II	2	MCB 2019		
Cransonyx	A	-II	7	ThorpRog 2016	fem	
Caecidotea communis	A	IIII	43	Will & Tr		
Poduridae	A	I	1	MCB 2019		
Cyclopidae	A	6	35	ThorpRog 2016		
Harpacticoida	A	II	3	"		
Stagnicola	A	I	1	Burch 1989		
Pisidium	A	II	2	ThorpRog 2016		
Tipula	L	I	1	MCB 2019		
Culicoides	L	I	1	Hils 1995		
Enchytraeidae	A	I	1	ThorpRog 2016		
Naidinae	A	I	1	Kath Brin 1998		
Tubificinae (with hairs)	A	IIII	4	"		Y
Tubificinae (without hairs)	A	III	2	"		Y
~~Split A2a Chironomidae~~	~~L~~	~~8x=40~~				
~~Split A2b Chironomidae~~	~~L~~	~~x=IIII=40~~				
Cryptochironomus	L	III	3	And et al 2013		
Conchapelopia	L	IIII	4	"		
Meropelopia	L	-III	8	"		
Natarsia species A Roback	L	I	1	Bolton 2012		
Procladius (Holotanypus)	L	I	1	And et al 2013		
Zavrelimyia	L	XI	11	"		
Thienemanniella group	L	-III	8	"	~~not~~ indet/ imm	N
Diplocladius	L	IIII	4	"		
Parametriocnemus	L	I	1	"		
Chironomus	L	-I	6	"		
Dicrotendipes	L	I	1	"		

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Micropsectra	L	0111	23	And et al 2013		