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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 Creek	5016307	20201102-50-05

Sampling Location: ~25 m upstream Brown Thrush Rd culvert

Database Key: 250467556

SWIMS Station ID	**SWIMS Station Name**
10053930	UNNAMED CREEK AT BROWN THRUSH ROAD

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
44.569476	-89.782919	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.**
5	5	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)**
	.6	7

Composition of Substrate Sampled (Percent):

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

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

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	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	N	PL
Point Source - Specify:	N	U
Pasturing of Livestock	N	PL
Runoff: - Barnyard	N	PL
- Construction	N	U
- Cropland	PL	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	N	PL
Other - Specify:		

Comments
Sampled ~ 25 m upstream Brown Thrush Rd Culvert. No riffle habitat so sampled in a run. Sampled overhanging vegetation and the bottom of a run.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Quam, Isabel	Dimick, Jeffrey	15%
Date Processed	**Specimens Saved**	
5/7/2021	Subsample archived in ABL until Jul 2024	

5:15-6:15
11:15-3:30
7:40-12:00

A2 Q1-6 Q2 Q3 Q4 -44
E1 Q2-8 Q1 Q3 Q4 -56
D1 Q4-13
C2
127

15

Wisconsin Department of Natural Resources
ABL SampleNum: **20201102-50-05**
Taxonomist: Dimick, Jeffrey

Waterbody: **Unnamed Creek (5016307)**
SWIMS Database Key: **250467556**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Caenis	L	|	1	MCB 2019	imm	
Cheumatopsyche	L	||	2	"		
Limnephilidae	L	|	1	"	imm	N
Platycentropus	L	-|	6	"		
Ptilostomis	L	|||	3	"		
Lepidoptera	L	|	1	"		
Hydroporus notabilis	A	|	1	Hils 1995a		
Dolichopodidae	L	-|	6	MCB 2019		
Diptera (Brachycera)	P	|	1	"		Y
Pericoma	L	||	2	"		
Erioptera	L	|	1	"		
Pseudolimnophila	L	|||	3	"		
Gammarus pseudolimnaeus	A	-||||	9	Hols 1972		
Hyalella azteca	A	|	1	Soucek et al 2015		
Caecidotea communis	A	-||||	9	Will 1972		
Cyclopidae	A	-|||	8	Thorp Rog 2016		
Harpacticoida	A	x 8 -||||	40	"		
Daphniidae	A	|	1	"		
Cyphoderus deflectus	A	|	1	"		
Pisidium	A	x|	11	"		
Tubificinae (with hairs)	A	x||	12	Kath Brin 1998		Y
Tubificinae (without hairs)	A	-||	7	"		Y
Glossiphonia complanata = elegans	A	|	1	Thorp Rog 2016		
~~Split A2a Chironomidae~~	~~L~~	8x				
~~Split A2b Chironomidae~~	~~L~~	o-|				
Conchapelopia	L	|||	3	And et al 2013		
Meropelopia	L	-||	7	"		
Natarsia species A Roback	L	|	1	Bolton 2012		
Zavrelimyia	L	|||	3	And et al 2013		
Thienemannimyia group	L	-||||	9	"	not indet / imm	N
Diplocladius	L	o-||	27	"		
Hydrobaenus	L	x	10	"		
Limnophyes	L	||||	4	"		
Parametriocnemus	L	||	2	"		
Chironomus	L	|	1	"		
Micropsectra	L	-||	7	"		
Phaenopsectra flavipes	L	|	1	Bolton 2012		

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Stictochironomus	L	1	1	And et al 2013		