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)**
PAINT CREEK	2153200	20211110-09-4

Sampling Location Under Bridge & 3m US of bridge

Database Key 290075883

SWIMS Station ID	**SWIMS Station Name**
10008655	5 - PAINT CREEK - 250TH ST.

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

Basin (WMU)	**Watershed Name**	**County**
LOWER CHIPPEWA	LOWER YELLOW (CHIPPEWA CO.) RIVER	CHIPPEWA

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
MYCAL RALEIGH	LITTLE LAKE WISSOTA 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** ___
6	4	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)**

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)**
	0.3	5m

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 20 Rubble (tennisball to basketball): 40 Gravel (ladybug to tennisball): _____

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

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

Embeddedness of Substrate at Sample Site (%) 10 **Canopy Cover at Sample Site (%)** 100

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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 Sampled one small riffle under bridge, then mostly cobble in a run under bridge and some overhanging veg. Very few macroinverts observed.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Katherine McClure	Dimick, Jeffrey	6.3%
Date Processed	**Specimens Saved**	
8/13/22	Subsample archived on ABL until Oct 2025	

B292: 26 A393: 47
B294: 26 A392: 44
B291: A391:
B293: A394:

143

Wisconsin Department of Natural Resources
ABL SampleNum: **20211110-09-04**
Taxonomist: Dimick, Jeffrey

Waterbody: **Paint Creek**
SWIMS Database Key: **290075883**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Caenis latipennis	L	II	2	Klubs 2016		
Eurylophella	L	IIII	2	MCB 2019	imm	
Enallagma	L	I	1	"	imm	
Allocapnia	L	I	1	"		
Prostoia	L	-II	7	"	imm	
Taeniopteryx burksi	L	I	1	Fullerton 1980		
Chimarra sp.	L	-II	11	MCB 2019		
Hydropsyche betteni	L	-	5	Schuster Hils 1986		
Psychomyia flavida	L	I	1	Hils 1985		
Lidessus affinis	A	I	1	Hils 1994		
Dubiraphia	L	II	2	MCB 2019		
Macronychus glabratus	L	I	1	Hils 1995		
Probezzia	L	II	2	"		
Bezzia/Palpomyia	L	I	1	"		
Hemerodromia	L	II	2	MCB 2019		
Prosimulium	L	III	3	"	imm	N
P. fuscum	L	-	5	Adler et al 2004		
Simulium vittatum species complex	L	-II	11	"		
Dugesiidae	A	II	2	Thorp Rog 2016		
Neoplasta	L	I	1	MCB 2019		
Naididae	A	X-I	16	Kathman 1998		
Tubificinae (with hairs)	A	I	1	"		Y
Tubificinae (without hairs)	A	I	1	"		Y
Cyclopidae	A	II	2	Thorp Rog 2016		
~~Split A2a Chironomidae~~	L	~~BX~~				
~~Split A2b Chironomidae~~	L	~~DX~~				
Labrundinia pilosella	L	II	2	Bolton 2012		
Borlia flavifrons	L	I	1	Epler 2001		
Corynoneura	L	I	1	And et al 2013		
Parametriocnemus	L	II	2	"		
Thienemanniella	L	III	3	And et al 2013	comp/dam	
Tvetenia bavarica group	L	-H	10	Bode 1983		
Tanypodinae	L	I	1	And et al 2013	imm	N
Zavrelimyia	L	-I	6	"		
Diamesa	L	I	1	"		
Cricotopus (Cricotopus) bicinctus group	L	II	2	"		

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Eukiefferiella claripennis group	L	II	2	And et al 2013		
Hydrobaenus	L	I	1	"		
Nanocladius (Nanocladius)	L	I	1	"	immm	
Orthocladius (Orthocladius)	L	I	1	"		Y
O. (O.) oliveri	L	IIII	4	Bolton 2012		
Parakiefferiella	L	X	10	And et al 2013		
Rheocricotopus	L	III	3	"		
chironomini	L	II	2	"	mt indet	N
cladotanytarsus	L	I	1	"		
Dicrotendipes	L	I	1	"		
Microspectra	L	-I	6	"		
Paralauterborniella nigrohalteralis	L	I	1	"		
Paratanytarsus longisetilus	L	I	1	"		
P. species A	L	-III	9	Hilsenhoff unpubl		
Polypedilum	L	I	1	And et al 2013	mmm	Y
P. (Polypedilum) illinoense group	L	I	1	Bolton 2012		
P. (Tripodura) scalaenum group	L	II	2	"		
P. (Uresipedilum) flavum	L	I	1	"		
Rheotanytarsus	L	III	3	And et al 2013		
Tanytarsus	L	-I	6	"		