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	20211110-09-1

Sampling Location: DS CTH K bridge ~70m

Database Key: 290075887

SWIMS Station ID	**SWIMS Station Name**
10016736	PAINT CREEK - DOWNSTREAM EDGE OF BRIDGE AT CTH K

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
44.9144735	-91.2589062	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

- [X] Riffle
- [ ] 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**
1.5	3	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)

- [ ] Slow (< 0.15 m/s)
- [ ] Moderate (0.15 m/s - 0.5 m/s)
- [X] 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)**
	0.15	8m

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 5 Rubble (tennisball to basketball): 85 Gravel (ladybug to tennisball): 5

Sand: 5 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

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

Embeddedness of Substrate at Sample Site (%) 5 **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	
- Filamentous Algae	N	
- Planktonic Algae	N	
Iron Bacteria	N	
Macrophytes	N	
Slimes	N	
Other - Specify:		
Physical		
Bank Erosion	PH	
Channelization: - Upstream	N	
- Downstream	N	
Hydraulic Scour / Channel Incision	N	
Impoundment: - Upstream	N	
- Downstream	N	
Low Flow	N	
Sedimentation	PH	
Sludge	U	
Thermal	U	
Turbidity	U	
Other - Specify:		

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Katherine McClure	Dimick, Jeffrey	3.1%
Date Processed	**Specimens Saved**	
8/12/22	Subsample archived in NBL until Oct 2025	

B292: 88 D191: 89
B294: D192:
B293: D193:
B291: D194:

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Wisconsin Department of Natural Resources
ABL SampleNum: **20211110-09-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Paint Creek**
SWIMS Database Key: **290075887**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Ephemerella excrucians	L	1	1	Klub 2016		
E- invaria	L	1	1	"		
E- subvaria	L	III	3	"		
Maccaffertium	L	-I	6	"	imm	
Neoleptophlebia	L	1	1	MCB 2019	imm	
Ilocapnia	L	1	1	"		
Prostoia	L	III	3	"	imm	
Taeniopteryx burksi	L	II	2	Full Stew 1980		
Glossosoma intermedium	L	1	1	Wym/Mor 2000		
Ceratopsyche alhedra	L	III	3	Schm/Wils 1986		
C- sparna	L	III	3	"		
Hydropsyche betteni	L	1	1	"		
Ephemerellidae	L	1	1	MCB 2019	dam	N
Optioservus	L	III	3	"	imm	
Stenelmis	L	1	1	"		
Hemerodromia	L	1	1	"		
Prosimulium	L	1	1	"	imm	
Antocha	L	II	2	"		
Dicranota	L	1	1	"		
Dugesiidae	A	1	1	Thorp/Rog 2016		
Naididae	A	X-III	16	Kath Born 1998		
Lebertia	A	1	1	Peck et al 1997		
~~Subfa Chironomidae~~	L	~~X-II JSD~~				
Corynoneura	L	IIII	5	And et al 2013		
Baetis	L	1	1	"	imm	N
B- flavistriga	L	1	1	Epler 2001		
Parametriocnemus	L	X-I	31	And et al 2013		
Tvetenia bavarica group	L	X-III	69	Bode 1983		
Rheotanytarsus	L	-II	7	And et al 2013		
Cricotopus (Cricotopus) bicinctus group	L	1	1	"		
Diplocladius	L	1	1	"		
Eukiefferiella brehmi group	L	1	1	"		
E- claripennis group	L	1	1	"		
Nanocladius (Nanocladius)	L	1	1	"	imm	
Orthocladius (Orthocladius)	L	1	1	"		
Rheocricotopus	L	IIII	4	"		

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Synorthocladius	L	I	1	And et al 2013		
Thienemanniella	L	I	1	"	1mm	N
T. xena	L	I	1	Bolton 2012		
Microtendipes rydalensis group	L	XII	12	And et al 2013		
Paratanytarsus species A	L	I	1	Hilsenhoff		
Polypedilum (Polypedilum) illinoense group	L	I	1	Bolton 2012		
P. (Uresipedilum) aviceps	L	/	5	"		
Tanytarsus	L	II	2	And et al 2013		