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)
PARSONS CREEK	136000	20211012-20-01

Sampling Location	Database Key
	286597359

SWIMS Station ID	SWIMS Station Name
203102	PARSONS CREEK UPSTREAM HICKORY RD

Latitude	Longitude	Lat/Long Determination Method (circle)	Datum Used if using GPS
43.693287	-88.471725	SWIMS (circled) SWDV GPS	WGS84 (circled) or NAD83

Basin (WMU)	Watershed Name	County
UPPER FOX	FOND DU LAC RIVER	FOND DU LAC

Sample and Site Descriptors

Sample Collector (Last Name, First)	Project Name
DAVID BOLHA	NER LONG-TERM TREND WADEABLE REFERENCE STREAM

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 ____
2	1.3	1	

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [x] Trend
- [ ] Other: ____

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
15.08	8.98	92.0	8.65	835.8	120

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)
	0.2	5

Composition of Substrate Sampled (Percent):

Bedrock: ____ Boulders (basketball or larger): ____ Rubble (tennisball to basketball): 80 Gravel (ladybug to tennisball): 20

Sand: ____ Clay: ____ Silt/Muck: ____ Overhanging Vegetation: ____

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

Embeddedness of Substrate at Sample Site (%) 0 **Canopy Cover at Sample Site (%)** 60

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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	Watershed
Biological		
Algae: - Diatoms / Periphyton	PL	PL
- Filamentous Algae	PH	PH
- Planktonic Algae	N	N
Iron Bacteria	N	N
Macrophytes	N	N
Slimes	N	N
Other - Specify:		
Physical		
Bank Erosion	PH	PH
Channelization: - Upstream	N	PH
- Downstream	N	PL
Hydraulic Scour / Channel Incision	N	PL
Impoundment: - Upstream	N	N
- Downstream	N	N
Low Flow	N	PH
Sedimentation	PH	PH
Sludge	N	N
Thermal	N	N
Turbidity	PH	PH
Other - Specify:		

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Undlin, Dylan	Dimick, Jeffrey	Rep1: 18.75% / Rep2: 21.87%
Date Processed	**Specimens Saved**	
10/6/2022	~~26181~~ subsamples archived in ABL until Jan 2026	

Rep1

C3 47

B1 11 13 22 46

A1 10 19 5 7 41

~~D2~~ Total: 134 18.75%

Rep2

A3 q1 → 8 q2 → 10 q3 → 12 q4 → 12 42

C4 q1 → 11 q2 → 14 q3 → 5 *large Rocks q4 → 11 41

D1 16 16 32

B1 q3 → 6 q4 → 6 12

Total: 127 21.87%

Wisconsin Department of Natural Resources
ABL SampleNum: **20211012-20-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Parsons Creek**
SWIMS Database Key: **286597359**

Taxa	Life Stage	Organism Count Rep 1	Rep 2	Rep 3	Taxonomic Reference	Condition	Unique Taxon
Baetidae	L	0	2		MCB 2019	imm	N
Baetis	L	0	1		"	dam	N
B. flavistriga species complex	L	2	2		Klub 2016		
Heptageniidae	L	1	5		MCB2019	dam/imm	N
Maccaffertium vicarium	L	6	3		Klub 2016		
Allocapnia	L	3	1		MCB 2019		
Clioperla clio	L	0	2		MCB 2019		
JJD ~~Hydropsychidae~~ Ceratopsyche slossonae	L	10	9		Schm Hils 1986		
Cheumatopsyche	L	20	29		MCB 2019		
Hydropsyche	L	1	0		Hils 1995	imm	N
H. betteni	L	1	0		Schm Hils 1986		
Optioservus	L	27	37		MCB 2019	imm	N
O. fastiditus 21L,13 A,2 / 22 L,3 A,2	L,A	15	5		Hils Schm 1992		
Stenelmis	L	1	0		MCB 2019		N
S. crenata	A	1	3		Hils Schm 1992		
Neoplasta	L	1	0		MCB 2019		
Simulium	L	1	0		"	imm	N
Simulium	P	0	1		"		N
Simulium fibrinflatum	L	1	0		Adl et al 2004		
S. jenningsi species group	L	3	5		"		
S. tuberosum species complex	L	1	0		"		
S. vittatum species complex 08110217	L	0	1		"		
Corynoneura	P	0	1		MCB 2019		N
Antocha	L	3	3		"		
Dicranota	L	2	2		"		
Tipula	L	0	1		"		
Caecidotea intermedia	A	1	1		Will 1972		
Naidinae	A	7	2		Kath Brin 1998		
Tubificinae (without hairs)	A	1	2		"		
JJD ~~Axonopsidae~~ Axonopsinae	A	1	0		Peck et al 1990		
Sperchonidae	A	0	2		"		
~~Split A2 Chironomidae~~	~~L~~	~~9~~	~~1~~ JJD				
Orthocladiinae	L	2	0		Ander et al 2013	imm	N
Brillia	L	4	1		"	imm	
Corynoneura	L	2	1		"		
Orthocladius (Orthocladius)	L	0	1		"		
Thienemanniella	L	1	0		"	imm	
Tvetenia bavarica group	L	4	0		Bode 1983		
Polypedilum (Uresipedilum) aviceps	L	2	0		Bolton 2012		
Gammarus pseudolimnaeus	A	14	15		Hols 1972		

23 taxa, TVAL≤2.0