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)**
MOORE CREEK	1200000	20171018-42-01

Sampling Location: About 15m US from confluence

Database Key: 149819314

SWIMS Station ID	**SWIMS Station Name**
10022490	MORRIS CREEK - CONFLUENCE WITH WBIC 1201700

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.861156	-90.608315	SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
LOWER WISCONSIN	UPPER KICKAPOO RIVER	MONROE

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
CAMILLE BRUHN	TRI CREEKS WATERSHED TWA 2017

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	0.5	1	1 of 1

Reason For Sampling

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

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (%sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
10.21	11.22	100.2	8.13	417	120+

Water Color

- [X] Clear
- [ ] Turbid
- [ ] Stained

Estimated Stream Velocity (m/s)

- [ ] Slow (< 0.15 m/s)
- [X] 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	4

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 25 Gravel (ladybug to tennisball): 70

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 (%)** 30

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)

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	N
- Filamentous Algae	N	N
- Planktonic Algae	N	N
Iron Bacteria	N	N
Macrophytes	N	N
Slimes	N	N
Other - Specify:		
Physical		
Bank Erosion	PH	PL
Channelization: - Upstream	N	N
- Dow nstream	N	N
Hydraulic Scour / Channel Incision	PL	PL
Impoundment: - Upstream	N	N
- Dow nstream	N	N
Low Flow	N	N
Sedimentation	N	N
Sludge	N	N
Thermal	U	U
Turbidity	N	N
Other - Specify:		

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

Comments
Sampled ~15 m us of confluence. Sampled riffle area with gravel & rubble mostly. Manure runoff into confluence stream in past month killed fish. Good buffer area surrounding stream (County property).

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Brad Gaylord	Dimick, Jeffrey	5%
Date Processed	**Specimens Saved**	
4-30-18	Subsample archived in ABL until Aug 2021	

D2 (143)

Wisconsin Department of Natural Resources
ABL SampleNum: **20171018-42-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Moore Creek**
SWIMS Database Key: **149819314**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Allocapnia	L	++++	5	Hils 1995		
Agetina capitata	L	I	1	Dimick unpub		
Isoperla	L	I	1	Hils 1995	imm	
Baetis brunneicolor	L	I	1	Klub 2016		
B. tricaudatus	L	-I	6	"		
Dyhetor hageni	L	II	2	"		
Maccaffertium	L	II	2	"	imm	N
M. mediopunctatum	L	II	2	"		
M. vicarium	L	I	1	"		
Paraleptophlebia	L	I	1	"	imm	
Isonychia	L	I	1	"	dam	
Brachycentrus occidentalis	L	II	2	Hils 1995		
Glossosoma intermedium	L	III	3	Wym Mor 2000		
Hydropsyche betteni	L	II	2	Sch Hils 1986		
Ceratopsyche	L	I	1	Hils 1995	dam	N
C. alhedra	L	III	3	Schm Hils 1986		
C. slossonae	L	III	3	"		
Chimarra aterrima	L	II	2	Hils 1982		
Optioservus	L	×III	13	Hils Schm 1992	imm	N
O. fastiditus L. 5 A. 2	L,A	-II	7	"		
Bezzia/Palpomyia	L	I	1	Hils. 1995		
Simulium tuberosum species complex	L	I	1	Adler et al 2004		
Dicranota	L	-II	7	Hils. 1995		
Diamesa	P	I	1	Ferr. et al 2008		
Gammarus pseudolimnaeus	A	I	1	Nols 1972		
Maidinae	A	I	1	Ecs Cust 2002	Frag	
~~Split Ag Chironomidae~~	L	I III				
Conchapelopia	L	I	1	Cran Epl 2013		
Meropelopia	L	I	1	"		
Diamesa	L	I	1	Sae And 2013		N
Corynoneura	L	I	1	And +3 2013		
Eukiefferiella claripennis group	L	I	1	"		
Eu. devonica group	L	I	1	"		
Parametriocnemus	L	-III	8	"		
Thienemanniella	L	I	1	"	imm	
Tvetenia bavarica group	L	-I	6	Bode 1983		

Wisconsin Department of Natural Resources
ABL SampleNum: **20171018-42-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Moore Creek**
SWIMS Database Key: **149819314**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Orthocladiinae 08330000	L	II	2	Cran 2013	not indet imm	N
Micropsectra	L	01	21	Epl et al 2013		
Paratanytarsus	L	I	1	"	not indet	
Phaenopsectra	L	I	1	"	imm	
Polypedilum (Uresipedilum) aviceps	L	0111	23	Bolton 2012		
Rheotanytarsus	L	-	5	Epl et al 2013		
Tanytarsus	L	-II	7	"		