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)**
BOSTWICK CREEK	1650900	20211025-32-02

Sampling Location: SAMPLED UPSTREAM FROM CTH M BRIDGE

Database Key: 297532641

SWIMS Station ID	**SWIMS Station Name**
10009116	BOSTWICK CREEK #4- BRIDGE ON CTY M

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

Basin (WMU)	**Watershed Name**	**County**
BAD AXE - LA CROSSE	LOWER LA CROSSE RIVER	LA CROSSE

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
KURT RASMUSSEN	2021 - 319 PROJECT - BOSTWICK CREEK PRE-IMPLEMENTAT

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**	
3	2	~	**Replicate No.** 1 **of** 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)**
10.0	11.4	101.3	8.08	585	

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 M	3.0 M

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): 50

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

Aquatic Macrophytes: 10 Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 40 **Canopy Cover at Sample Site (%)** 0

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

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Katherine McClure	Dimick, Jeffrey	21.9%
Date Processed	**Specimens Saved**	
8/16/22	Subsample archived in ABL until Oct 2025	

A393:9 C191:4 A494:8 D191:4
A394:11 C194:4 A493:9 D194:14
A392:10 C193:6 A492:16 D193:
A391:22 C192:7 A491:5 D192:

129

Wisconsin Department of Natural Resources
ABL SampleNum: **20211025-32-02**
Taxonomist: Dimick, Jeffrey

Waterbody: **Bostwick Creek**
SWIMS Database Key: **297532641**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis bonneicolor	L	0	20	Klub 2016		
Ephemerella	L	II	2	MCB 2019	immm	N
E. excrucians	L	III	3	Klub 2016		
Taeniopteryx	L	I	1	MCB 2019	immm	
Brachycentrus occidentalis	L	II	2	Hils 1985		
Ceratopsyche sparna	L	II	2	Schm Hils 1986		
Cheumatopsyche	L	I	1	MCB 2019		
Hydropsyche betteni	L	I	1	Schm Hils 1986		
Optioservus fastiditus L.2 A.1	L/A	III	3	Hils Schm 1992		
Odontomesa	P	I	1	MCB 2019		
Orthocladiinae	P	I	1	"	dam	N
Tanytarsini long spines	P	I	1	"	dam	N
Neoplasta	L	I	1	"		
Gammarus pseudolimnaeus	A	80-II	67	Hils 1972		
Caecidotea	A	I	1	Thorp Rog 2016	immm	
Dugesiidae	A	I	1	"		
Naidinae	A	-II	7	Kath Brin 1998		Y
Ophidonais serpentina	A	XI	11	"		
Lebertia	A	I	1			
~~Split A2 Chironomidae~~	~~L~~	~~XXIII~~				
Diamesa	L	II	2	And et al 2013		
Pagastia	L	I	1	"		
Eukiefferiella devonica group	L	I	1	"		
Parametriocnemus	L	I	1	"		
Microtendipes pedellus group	L	-I	6	"		
conchapelopia	L	II	2	"		
Cricotopus (Cricotopus)	L	I	1	"		
Eukiefferiella claripennis group	L	I	1	"		
Dicrotendipes	L	II	2	"		
Paratanytarsus longistilus	L	IIII	4	"		
Polypedilum (Uresipedilum) aviceps	L	/	5	"		