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	20181031-32-03

Sampling Location	**Database Key**
~40m US of CTH M bridge	169485244

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**
43.82936	-91.060844	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**
CAMILLE BRUHN	BOSTWICK CREEK TWA 2018

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.** 1 **of** 1
1	1	1	

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [X] Other: Bostwick Creek 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)
- [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)**
	0.4	2.5

Composition of Substrate Sampled (Percent):

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

Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: 90 Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

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

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

Comments: sampled ~40m US of bridge. Riffle area was at a bend & pinch point & was very deep in thalweg w/ some gravel beneath. Macrophytes on the edge of the riffle were sampled.

Special Instructions for Laboratory

[redacted]

[redacted]

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Savanna Erickson	Dimick, Jeffrey	13%
Date Processed	**Specimens Saved**	
5/6/19	Subsample archived in ABL until Jul 2022	

C2 111 E2 135 total 246