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)**
UNNAMED	1651600	20180311-32-04

Sampling Location	**Database Key**
8M Downstream of CTHM	169485272

SWIMS Station ID	**SWIMS Station Name**
10014113	CREEK 27-13(RUSSIAN COULEE CREEK)STATION 1-1974-SE 1/4 NE 1/4 S27-STARTS /

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.834206	-91.07533	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.** / **of**
1	1	1	1 / 1

Reason For Sampling

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

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)**
	0.3	3m

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 30

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

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

Embeddedness of Substrate at Sample Site (%) n/a **Canopy Cover at Sample Site (%)** 10%

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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	U	U
- Filamentous Algae	PL	N
- Planktonic Algae	N	N
Iron Bacteria	PL	PL
Macrophytes	N	PL
Slimes	N	N
Other - Specify:		
Physical		
Bank Erosion	PL	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	PI	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	N	N
Dissolved Oxygen	N	N
Nutrients (P, N...)	PL	PL
Toxics: - Inorganic (Metals)	N	N
- Organic (PCBs, pesticides...)	N	U
Other - Specify:		
Sources of Stream Impacts		
Bank Erosion	PI	PH
Point Source - Specify:	N	N
Pasturing of Livestock	N	PH
Runoff: - Barnyard	PL	N
- Construction	N	N
- Cropland	PL	PH
- Urban	PL	PL
Septic Systems	PH	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 in a Shallow fast moving Riffle below the bridge. It appears septic Run off is entering Right below Riffle & Locaron.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Sam Lamarche	Dimick, Jeffrey	47%
Date Processed	**Specimens Saved**	
5/16/19	Subsample archived in ABL until Jul 2022	

B1 E2 E3 A1 D2 B2 C1
17 24 17 26 21 12 10

127 total

Wisconsin Department of Natural Resources erbody: **Unnamed Creek 27-13 (Russian Coulee Creek)**

ABL SampleNum: **20181031-32-04** SWIMS Database Key: **169485272**

Taxonomist: Dimick, Jeffrey

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Taeniopteryx	L	I	1	Hils 1995	imm	
Baetis brunneicolor	L	0-	25	Klub 2016		
B. tricaudatus	L	I	1	"		
Ephemerella	L	II	2	"	imm	
Trichoptera 04000200	P	I	1	Daly 2008	dam	N
Brachycentrus occidentalis	L	-	5	Hils 1985		
Hydropsychidae	L	I	1	Hils 1995	imm	
Lepidostoma	L	III	3	"		
Optioservus	L	I	1	Hils Schm 1992	imm	
Neoplasta	L	I	1	Court Merr 2008		
Simuliidae	P	I	1	Adl et al 2004	dam	
Limonia	L	II	2	Hils 1995		
Tipula	L	I	1	"		
Orthocladius (Orthocladius)	P	I	1	Coff et al 1986		
Gammarus pseudolimnaeus	A	801	61	Hels 1972		
Specchonopsis	A	II	2	Pluch 1984		
Mermithidae	A	I	1	Thorp Reg 2016	imm	
Dugesiidae	A	-II	7	"		
Naidinae	A	I	1	Brin Geld 1991		
Tubificinae (without hairs)	A	X-II	17	Klemm 1985		Y
Tubificinae (with hairs)	A	-I	6	"		Y
Pisidium	A	I	1	Burch 1972		
~~Split A2 Chironomidae~~	L	OIIII				
Parachaetocladius	L	I	1	And +3 2013		
Orthocladius (Orthocladius)	L	OIII	23	"		N