

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 8/14)

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Instructions: Bold fields must be completed.

Station Summary

Waterbody Name DOGTOWN CREEK		Waterbody ID Code 2689600	Sample ID (YYYYMMDD-CY-FD) 20181102-07-01
Sampling Location 10m US Springbrook Tr L			Database Key 168634582
SWIMS Station ID 10029021		SWIMS Station Name DOGTOWN CREEK-UPSTRM. SPRINGBROOK TRAIL	
Latitude 46.07425	Longitude -92.15338	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) ST. CROIX		Watershed Name LOWER NAMEKAGON RIVER	County BURNETT

Sample and Site Descriptors

Sample Collector (Last Name, First) CRAIG ROESLER	Project Name NORTH DISTRICT NC STREAM STRATIFIED SITES 2018
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Sampling Device

☒ D-Frame Kick Net	☐ Surber Sampler	☐ Eckman
☐ Ponar	☐ Artificial Substrate	☐ Hess Sampler ☐ Other: _____

Habitat Sampled

☐ Riffle	☒ Run	☐ Pool
☐ Other	☐ Shoreline Composite	☐ Proportionally-Sampled Habitat
☐ Littoral Zone	☐ Profundal Zone	☐ Wetland

Total Sampling Time (min) 1	Estimated Area Sampled (m ²) 2m	Number of Samples in Composite 3-20, 5 weeks	Replicate No. 1 of 1
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Reason For Sampling

☐ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☐ Other: _____

Water Temp. (C) 3.4	D.O. (mg/l) 9.41	D.O. (% sat.) 13	pH (su) 7.9	Conductivity (umhos/cm) 88.8	Transparency (cm) 7121
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Water Color

☒ Clear ☐ Turbid ☐ Stained	Estimated Stream Velocity (m/s) ☐ Slow (< 0.15 m/s) ☒ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____
Sand: 20	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: 30
Aquatic Macrophytes: 20	Leaf Snags: _____	Coarse Woody Debris: 30	Other (): _____

Embeddedness of Substrate at Sample Site (%)	Canopy Cover at Sample Site (%)
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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	Factors that may be influencing Water Resource Integrity	Local	Water- shed
Biological			Chemical		
Algae: - Diatoms / Periphyton			Chlorine		
- Filamentous Algae			Dissolved Oxygen		
- Planktonic Algae			Nutrients (P, N...)		
Iron Bacteria			Toxics: - Inorganic (Metals)		
Macrophytes			- Organic (PCBs, pesticides...)		
Slimes			Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion		
			Point Source - Specify:		
Physical			Pasturing of Livestock		
Bank Erosion		PH	Runoff: - Barnyard		
Channelization: - Upstream			- Construction		
- Downstream			- Cropland		
Hydraulic Scour / Channel Incision			- Urban		
Impoundment: - Upstream	U	U	Septic Systems		
- Downstream	U	U	Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation			Springs		
Sludge			Tributary(s)		
Thermal			Wetland		
Turbidity 5 FNU			Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Logan Cutler	Taxonomist Dinnick, Jeffrey	Estimated Percent of Sample Sorted 27%
Date Processed 9/4/19	Specimens Saved 31+46+40+45 = 162	

A1 E2 A2 A3 Total

Subsample archived in ABC until 1 Nov 2022

Wisconsin Department of Natural Resources

ABL SampleNum: 20181102-07-01

Taxonomist: Dimick, Jeffrey

Waterbody: Dogtown Creek
SWIMS Database Key: 168634582

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Stenacron	L	11		Kub 2016	imm	
Maccaffertium	L	1		"	imm	Y
M. vicarium	L	x-111		"		
Calenteryx maculata	L	1		West May 1996		
Brachycentrus americanus	L	-		Hils 1985		
B. occidentalis	L	111		"		
Helopsyche borealis	L	x11		Hils 1985		
Cheumatopsyche	L	0-1111		"		
Hydropsyche betteni	L	1		Schmitts 1986		
Lepidostoma	L	0111		Hils 1985		
Ceraclea	L	1		"		
Mystacides	L	1		"		
Lype diversa	L	111		"		
Goera stylata	L	1		"		
Limnephilus	L	11		"		
Platycentropus	L	1		"	imm	
Pycnopsyche	L	1		"		
Anacronyx variegatus	A	1		Hils Schmitt 1992		
Achiraphia quadrimaculata	A	1		"		
Liodessus affinis	A	1		Hils 1984		
Probezzia	L	1		Hils 1985		
Bezzia / Palpomyia	L	11		"		
Antocha	L	1		"		
Gammarus pseudolimnaeus	A	x-111		Hils 1972		
Hyalella azteca	A	11		Soose et al 2015		
Caecidotea racovitzai racovitzai	A	x1		Will 1972		
Aesenerocaris atopodonta	A	11		Hils 1984a		
Sigara douglasensis	A	1		"		
Dugesidae	A	1		Thorp Reg 2016		
Cyclopidae	A	1		"		
Entomobryidae	A	1		Christ Srid 2008		
Tubificinae (without hairs)	A	11		Klemm 1985		Y
Tubificinae (with hairs)	A	11		"		Y
Lumbriculus	A	1		Thorp Reg 2016		
Physa	A	11		"		
Pisidium	A	1		Mackie 2007		
split Az Chironomidae	L	1-1111				

Taxonomist: Dimick, Jeffrey

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