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)**
MCCANN CREEK	2169000	20191030-09-03

Sampling Location: DS Culvert 2m

Database Key: 211591044

SWIMS Station ID	**SWIMS Station Name**
10052545	MCCANN CREEK @ 255TH AVE

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

Basin (WMU)	**Watershed Name**	**County**
LOWER CHIPPEWA	MCCANN CREEK AND FISHER RIVER	CHIPPEWA

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
MYCAL RALEIGH / Alex Selle	WEST DISTRICT NC STREAM STRATIFIED SITES 2019

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.**
0.5	1	1	1 of 1

Reason For Sampling

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

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
3.3°C					

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)**
	0.1	2m

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 80 Gravel (ladybug to tennisball): 10

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

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

Embeddedness of Substrate at Sample Site (%) 0 **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	U
- Planktonic Algae	N	U
Iron Bacteria	N	U
Macrophytes	N	U
Slimes	N	U
Other - Specify:		
Physical		
Bank Erosion	N	U
Channelization: - Upstream	PH	U
- Downstream	PH	U
Hydraulic Scour / Channel Incision	N	U
Impoundment: - Upstream	N	U
- Downstream	N	U
Low Flow	N	U
Sedimentation	PH	U
Sludge	U	U
Thermal	U	U
Turbidity	U	U
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	N	U
Point Source - Specify:		
Pasturing of Livestock	N	U
Runoff: - Barnyard	N	U
- Construction	N	U
- Cropland	PL	PH
- Urban	N	U
Septic Systems	U	U
Tile Drainage - Organic Soils	U	U
- Mineral Soils	U	U
Springs	U	U
Tributary(s)	U	U
Wetland	PH	U
Other - Specify:		

Comments Us of culvert is sand/silt, then mostly silt with some sand

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter: Rachael Valeria RRV	Taxonomist: Dimick, Jeffrey	Estimated Percent of Sample Sorted: 5%
Date Processed: 09/24/2020	Specimens Saved: Subsample archived in ABL until Oct 2023	

Quadrant =	C3 Q1	A3 Q1	B3 Q4	A3 Q4	C3 Q2
Specimens =	52	35	49		

136

Wisconsin Department of Natural Resources
ABL SampleNum: **20191030-09-03**
Taxonomist: Dimick, Jeffrey

Waterbody: **McCann Creek**
SWIMS Database Key: **211591044**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Chimarra	L	I	1	MerrCumm B 2019		
Hydropsyche betteni	L	I	1	Schmidt & Hils 1986		
Optioservus	L	I	1	MerrCumm B 2019	imm	N
O. fastiditus	L	II	2	Hils Schm 1992		
Simulium	L	II	23	MerrCumm B 2019	imm	N
S. vittatum species complex 08110217	L	III	3	Adl et al 2004		
Gammarus pseudolimnaeus	A	8 IIII	54	Hoffs 1972		
Caecidotea	A	X I	11	ThorpRog 2016	imm	
Cyclopidae	A	I	1	"		
Harpacticoida	A	I	1	"		
~~Split A2 Chironomidae~~	L	~~8 III~~				
Corynoneura	L	II	2	And et al 2013		
Thienemanniella group	L	III	3	"	imm	
Orthocladiinae 08300000	L	I	1	"	imm	N
Brillia	L	I	1	"	imm	
Cricotopus (Cricotopus) bicinctus group	L	II	2	"		
Eukiefferiella claripennis group	L	X III	18	"		
Parametriocnemus	L	III	7	"		
Tvetenia bavarica group	L	I	1	Bode 1983		
Micropsectra	L	II	2	And et al 2013		
Paratanytarsus species A	L	I	1	Hils unpubl.		
Polypedilum (Uresipedilum) flavum	L	II	2	Bolton 2012		
Rheotanytarsus	L	I	1	And et al 2013		

< 3 taxa, TVAL ≤ 2.0