

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name MCCANN CREEK			Waterbody ID Code 2169000		Sample ID (YYYYMMDD-CY-FD) 20191030-09-02
Sampling Location US advert 2m					Database Key 211591048
SWIMS Station ID 10052544		SWIMS Station Name MCCANN CREEK AT CTH AA			
Latitude	Longitude		Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER CHIPPEWA			Watershed Name MCCANN CREEK AND FISHER RIVER		County CHIPPEWA
Sample and Site Descriptors					
Sample Collector (Last Name, First) MYCAL RALEIGH Alex Selle			Project Name WEST DISTRICT NC STREAM STRATIFIED SITES 2019		
Sampling Device					
<input checked="" type="checkbox"/> D-Frame Kick Net		<input type="checkbox"/> Surber Sampler		<input type="checkbox"/> Eckman	
<input type="checkbox"/> Ponar		<input type="checkbox"/> Artificial Substrate		<input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____	
Habitat Sampled					
<input type="checkbox"/> Riffle		<input checked="" type="checkbox"/> Run		<input type="checkbox"/> Pool	
<input type="checkbox"/> Other		<input type="checkbox"/> Shoreline Composite		<input type="checkbox"/> Proportionally-Sampled Habitat	
<input type="checkbox"/> Littoral Zone		<input type="checkbox"/> Profundal Zone		<input type="checkbox"/> Wetland	
Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1.5		Number of Samples in Composite 1		Replicate No. 1 of 1
Reason For Sampling					
<input type="checkbox"/> Least Impacted Reference		<input type="checkbox"/> Baseline		<input type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input checked="" type="checkbox"/> Other: NC Stratified Random	
Water Temp. (C) 3.3	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained			Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) .35		Average Stream Width of reach (m) 3	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): 30	Rubble (tennisball to basketball): 10		Gravel (ladybug to tennisball): 20
Sand: 20		Clay: _____	Silt/Muck: _____		Overhanging Vegetation: 20
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____		Other (_____): _____
Embeddedness of Substrate at Sample Site (%) 0			Canopy Cover at Sample Site (%) 0		

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	N	U	Chlorine	U	U
- Filamentous Algae	N	U	Dissolved Oxygen	U	U
- Planktonic Algae	N	U	Nutrients (P, N...)	U	U
Iron Bacteria	N	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
Slimes	N	U	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	U
			Point Source - Specify:		
Physical			Pasturing of Livestock	N	U
Bank Erosion	N	U	Runoff: - Barnyard	N	U
Channelization: - Upstream	N	N	- Construction	N	U
- Downstream	N	N	- Cropland	PL	U
Hydraulic Scour / Channel Incision	N	U	- Urban	N	U
Impoundment: - Upstream	N	N	Septic Systems	U	U
- Downstream	N	N	Tile Drainage - Organic Soils	U	U
Low Flow	N	U	- Mineral Soils	U	U
Sedimentation	N	U	Springs	U	U
Sludge	N	U	Tributary(s)	U	U
Thermal	N	U	Wetland	PH	U
Turbidity	N	U	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Dunn, Isabel	Taxonomist Dimrek, Jeffrey	Estimated Percent of Sample Sorted 40%
Date Processed 9/29/2020	Specimens Saved Subsample archived in ABL until Nov 2023	

E3 C2, A1, D2, E2, E1 B3 D1 D3 C3 midg = 7 caddis = 5
 Q1
 Q2
 Q3
 Q4
 -] -19 } 179
 (198) + 12 = 210

Wisconsin Department of Natural Resources

ABL SampleNum: 20191030-09-02

Taxonomist: Dimick, Jeffrey

Waterbody: McCann Creek

SWIMS Database Key: 211591048

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneicollis</i>	L	III	3	Klein 2016		
1/2 <i>Maccaffertium vicarium</i>	L	x4	12	"		
<i>Leptophlebia</i>	L	I	1	Merrillum B 2019	imm	
2/4 <i>Taeniopteryx</i>	L	II	2	"	imm	
3/21 <i>Brachycentrus americanus</i>	L	II	7	Hils 1985		
<i>Hydropsyche betteri</i>	L	xII	12	Schm Hils 1986		
4/5 <i>Lepidostoma</i>	L	0III	24	Merrillum B 2019		
<i>Limnephilidae</i>	L	I	1	"	imm	N
<i>Acnopsyche</i>	L	I	1	"		
<i>Neophylax</i>	L	0-III	38	"	imm	
<i>Trichoptera</i> <i>Integrilaprea</i>	L	II	2	"	imm	N
<i>Optroservus</i>	L	II	2	"	imm	N
<i>O-fastidius</i> L, 1 A, 4	LA	-	5	Hils Schm 1992		
<i>Prodeussus affinis</i>	A	I	1	Hils 1994		
<i>Dixella</i>	L	I	1	Merrillum B 2019		
<i>Idemerdromia</i>	L	I	1	"		
<i>Simulium venustum</i> species complex	L	III	4	Ad et al 2004		
<i>S. vittatum</i> species complex 08110218	L	II	2	"		
<i>Limnophila</i>	L	I	1	Merrillum B 2019		
<i>Gammarus pseudolimnoides</i>	A	0-	35	Hils 1972		
<i>Caecidotea racovitzai racovitzai</i>	A	0	20	Will 1972		
<i>Dugesidae</i>	A	(1	Thorp 2006		
<i>P. sidum</i>	A	II	2	"		
Split AZ Chironomidae	L	0-1	1			
<i>Corynoicera</i>	L	I	1	And et al 2013		
<i>Cladotanytarsus</i>	L	III	3	"		
<i>Rheotanytarsus</i>	L	I	1	"		
<i>Zarelsimyia</i>	L	I	1	"		
<i>Thienemannimyia</i> group	L	I	1	"	imm	
<i>Brillia</i>	L	I	1	"	imm	
<i>Oplocladus</i>	L	I	1	"		
<i>Eukiefferella claripennis</i> group	L	III	3	"		
<i>Parametriocnemus</i>	L	III	3	"		
<i>Phaenosectra flavipes</i>	L	I	1	Bolton 2012		
<i>Polypedilum</i>	L	I	1	And et al 2013	imm	N
<i>P. (Polypedilum) illinoense</i> group	L	I	1	Bolton 2012		
<i>P. (Unispedilum) aviceps</i>	L	X	10	"		

> 3 taxa, TVAL SZ.O

45 > (0.1 x 196)