

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name BEAVER CREEK	Waterbody ID Code 2129400	Sample ID (YYYYMMDD-CY-FD) 20211025-18-1
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Sampling Location DS brook 125m	Database Key 287769790
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SWIMS Station ID 183079	SWIMS Station Name BEAVER CREEK AT 140TH AVE BDGE
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Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) LOWER CHIPPEWA	Watershed Name LOWER EAU CLAIRE RIVER	County EAU CLAIRE
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Sample and Site Descriptors

Sample Collector (Last Name, First) MYCAL RALEIGH	Project Name WCR LONG-TERM TREND WADEABLE REFERENCE STREAM
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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 (m²) 3	Number of Samples in Composite 1	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)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input 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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.25	Average Stream Width of reach (m) 5m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 30
 Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 50
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		PH	U
				Point Source - Specify:			
				Pasturing of Livestock		N	U
Physical				Runoff: - Barnyard		N	U
Bank Erosion		PH	U	- Construction		N	U
Channelization: - Upstream		N	U	- Cropland		N	U
- Downstream		N	U	- Urban		N	U
Hydraulic Scour / Channel Incision		N	U	Septic Systems		U	U
Impoundment: - Upstream		N	U	Tile Drainage - Organic Soils		U	U
- Downstream		N	U	- Mineral Soils		U	U
Low Flow		N	U	Springs		N	U
Sedimentation		PH	U	Tributary(s)		U	U
Sludge		N	U	Wetland		U	U
Thermal		N	U	Other - Specify:			
Turbidity		N	U				
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Kloopping, Trent</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted Rep 1) 6.25% Rep 2) 9.4%
Date Processed <i>12/8/2022</i>	Specimens Saved Rep 1) 130	Rep 2) 128

Rep 1)
 D1 Q8) 25 Q3) 31
 Q4) 32 Q2) 42 130
 Q1) Q1)
 Q2) Q4)

Rep 2) A1 Q1) 7
 Q3) 9
 Q2) 17
 Q4)

B4 Q3) 51
 Q2) 12
 Q1) 42 128
 Q4)

subsamples archived in
 ABSL unit / Mar 2026

Taxa	Life Stage	Organism Count			Taxonomic Reference	Condition	Unique Taxon
		Rep 1	Rep 2	Rep 3			
Acerpenna	L	0	1		MCB 2019	dam	
Baetis brunneicolor	L	0	4		Klob 2016		
B. tricaudatus	L	5	4		"		
B. flavistriga species complex	L	2	0		"		
Ephemerella	L	14	14		MCB 2019	imm	N
E. invaria	L	1	1		Klob 2016		
E. subvaria	L	1	0		"		
Maccaffertium vicarium	L	1	2		"		
Neoleptophlebia	L	1	2		MCB 2019	dam	N
N. mollis	L	1	0		Klob 2016		
Allocaenia	L	1	1		MCB 2019		
Paracaenia angulata	L	1	0		Hitch 1974		
Haploperla	L	1	0		MCB 2019	imm	
Nemouridae	L	3	3		"	imm	Y
Amphinemura	L	2	4		"		
Isoperla	L	6	10		"	imm	N
I. transmarina	L	3	1		Hils 1982		
Taeniopteryx burksi	L	5	2		Full Stew 1980		
Bronchocentrus americanus	L	1	1		Hils 1985		
B. occidentalis	L	2	1		"		
Ceratopsyche sparna	L	4	1		Schm Hils 1986		
Neomylax	L	0	1		MCB 2019	imm	
Optioservus fastidiosus	A	0	1		Hils Schm 1992		
Atherix variegata	L	0	1		Hils 1985		
Orthocladus (Eurocladius) 08305701	P	1	0		MCB 2019		
Hemerodromia	L	2	0		"		
Neoplasta	L	0	1		"		
Antocha	L	1	0		"		
Psephenopsis lacustris	L	5	1		Bouch Gel 2019		
Dicranota	L	2	2		MCB 2019		
Prosimulium	L	1	0		"	imm	
Simulium tuberosum species complex	L	1	0		Ader et al 2004		
Tipula	L	1	0		MCB 2019		
Coleoptera	A	0	2		Thorp Bog 2016	fern	
Naididae	A	1	0		Kath Boin 1999		
split Az Chironomidae	L	44	47	(30)			
Ablabesmyxa (Ablabesmyxa)	L	0	1		Ader et al 2013	imm	
Orthocladinae 08300000	L	1	0		"	imm	N
Conchapelopia	L	1	0		"		

