

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNNAMED	Waterbody ID Code 2153560	Sample ID (YYYYMMDD-CY-FD) 20201103-09-04
Sampling Location		Database Key 253357398

SWIMS Station ID 10008659	SWIMS Station Name CREEK 23-6 - HWY XX [1]		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER CHIPPEWA		Watershed Name LOWER YELLOW (CHIPPEWA CO.) RIVER	County CHIPPEWA

Sample and Site Descriptors

Sample Collector (Last Name, First) MYCAL RALEIGH	Project Name LITTLE LAKE WISSOTA TWA 2020 (319 PROJECT-FUNDED)
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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) 1.5	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: TWA

Water Temp. (C) 8.3	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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) 0.2	Average Stream Width of reach (m) 1
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 10	Gravel (ladybug to tennisball): 5
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: 85
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____

Embeddedness of Substrate at Sample Site (%) 10	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	Factors that may be influencing Water Resource Integrity	Local	Water-shed
Biological			Chemical		
Algae: - Diatoms / Periphyton	PL	U	Chlorine	U	U
- Filamentous Algae	PH	U	Dissolved Oxygen	U	U
- Planktonic Algae	U	U	Nutrients (P, N...)	U	U
Iron Bacteria	N	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
Slimes	U	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	PH	U	- Construction	N	U
- Downstream	PH	U	- Cropland	PH	U
Hydraulic Scour / Channel Incision	N	U	- Urban	U	U
Impoundment: - Upstream	N	N	Septic Systems	U	U
- Downstream	N	N	Tile Drainage - Organic Soils	U	U
Low Flow	U	N	- Mineral Soils	U	U
Sedimentation	PH	U	Springs	U	U
Sludge	U	U	Tributary(s)	U	U
Thermal	U	U	Wetland	U	U
Turbidity	N	U	Other - Specify:		
Other - Specify:					

Comments Sampled at N44.893215; -91.206133. Sampled 2 small riffles but mostly overhanging veg around/near riffles. Substrate is covered in filamentous algae in runs and pools

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Isabel Dunn	Taxonomist Derrick Jeffrey	Estimated Percent of Sample Sorted 50%
Date Processed 6/16/2024	Specimens Saved Subsample archived in ABL until Jul 2024	

3:20-
4:30
9:30-
10:40

A2
2-81
1-43
3
4
E1
1-34
2
3
4

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Wisconsin Department of Natural Resources

ABL SampleNum: 20201103-09-04

Taxonomist: Dimick, Jeffrey

Waterbody: Unnamed Creek 23-6

SWIMS Database Key: 253357398

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Acerentoma macdonoughi</i>	L	III	3	Klub 2016		
<i>Baetis brunneicollis</i>	L	I	1	"		
<i>Maccaffertium vicarium</i>	L	I	1	"		
<i>Leptophlebia</i>	L	III	3	MCB 2019	imm	
<i>Allocaenis</i>	L	III	9	"		
<i>Trichoptera</i> <i>Integrifolia</i>	L	II	2	"	imm	N
<i>Ceratopsyche slossonae</i>	L	I	1	Schmitt 1986		
<i>Hydropsyche betteni</i>	L	I	1	"		
<i>Oxyethira</i>	L	II	2	MCB 2019		
<i>Lepidostoma</i>	L	II	7	"		
<i>Limnephilidae</i>	L	III	3	"	imm	N
<i>Platycentropus</i>	L	X-I	16	"		
<i>Neophylax</i>	L	I	1	"		
<i>Optioservus fastiditus</i>	L	I	1	Hils Schm 1982		
<i>Ephydriidae</i>	L	I	1	MCB 2019		
<i>Cyclopidae</i>	A	II	2	Thompson 2016		
<i>Lumbriculus</i>	A	I	1	"		
<i>Hirudinida</i>	A	L	1	"	dam	
<i>Naidinae</i>	A	II	2	Kath Brin 1998		
<i>Split Aza Chironomidae</i>	L	Bx III				
<i>Split Aza Chironomidae</i>	L	B-III				
<i>Cladotanytarsus</i>	L	III	9	And et al 2013		
<i>Rheotanytarsus</i>	L	I	1	"		
<i>Zarembkomyia</i>	L	III	3	"		
<i>Thienemannimyia</i> group	L	I	6	"	mt undet/imm	
<i>Orthocladiinae</i>	L	I	1	"	imm	N
<i>Chaetocladius</i>	L	I	1	"		
<i>Diplocladius</i>	L	II	2	"		
<i>Cricotopus (Cricotopus) tremulus</i> group	L	I	1	"		
<i>Parametrioecnemus</i>	L	II	7	"		
<i>Thienemannella</i>	L	I	1	"	imm	N
<i>T-xena</i>	L	I	1	Bolton 2012		
<i>Tsetenia bavarica</i> group	L	II	2	Bode 1983		
<i>Chironominae</i>	L	III	4	And et al 2013		
<i>Microsectra</i>	L	X-I	16	"		
<i>Paratanytarsus</i> species A	L	II	2	Hils unpubl		
<i>P.</i> species B	L	I	1	"		

Taxonomist: Dimick, Jeffrey

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