

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name NORTH BRANCH CEDAR CREEK	Waterbody ID Code 22500	Sample ID (YYYYMMDD-CY-FD) 20211027-65-02
Sampling Location SOS	Database Key 288762625	

SWIMS Station ID 10022038	SWIMS Station Name NORTH BRANCH CEDAR CREEK - UPSTREAM OF CTHY NN		
Latitude 43.3622	Longitude -88.0697	Lat/Long Determination Method (circle) SWIMS <u>SWDV</u> GPS	Datum Used if using GPS <u>WGS84</u> or NAD83
Basin (WMU) MILWAUKEE RIVER	Watershed Name CEDAR CREEK	County WASHINGTON	

Sample and Site Descriptors

Sample Collector (Last Name, First) Holtz, C.	Project Name SER 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) 6	Estimated Area Sampled (m ²) 6	Number of Samples in Composite	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 10.44	D.O. (mg/l) 14.98	D.O. (% sat.) 134.0	pH (su) 7.95	Conductivity (umhos/cm) 730.2 + 468.0	Transparency (cm) 120
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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 0.67 circle units m/s or f/s	Average Stream Depth of reach (m) .3	Average Stream Width of reach (m) 3.5
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 5	Gravel (ladybug to tennisball): 50
Sand: 35	Clay: _____	Silt/Muck: 10	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____

Embeddedness of Substrate at Sample Site (%) 60	Canopy Cover at Sample Site (%) 10
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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:		
			Pasturing of Livestock		
Physical			Runoff: - Barnyard		
Bank Erosion			- Construction		
Channelization: - Upstream			- Cropland		
- Downstream			- Urban		
Hydraulic Scour / Channel Incision			Septic Systems		
Impoundment: - Upstream			Tile Drainage - Organic Soils		
- Downstream			- Mineral Soils		
Low Flow			Springs		
Sedimentation			Tributary(s)		
Sludge			Wetland		
Thermal			Other - Specify:		
Turbidity					
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Katherine McClure</i>	Taxonomist <i>Dimock, Jeffery</i>	Estimated Percent of Sample Sorted <i>10.2%, 6.3%</i>
Date Processed <i>11/12/22</i>	Specimens Saved <i>Subsamples archived in ABL until Mar 2026</i>	

B393: 8 C191: 12
B394: 27 C193: 28
B391: 11 C192: 32
B392: 9:5 C194:
92:3

(126)
 $1 + .5 + .125 = 1.625$
 $1.625 / 16 = 10.2\%$

D393: 18 B292: 61
D394: 19 B291: 33
D391: B294:
D392: B293:

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Wisconsin Department of Natural Resources

ABL SampleNum: 20211027-65-02

Taxonomist: Dimick, Jeffrey

Waterbody: North Branch Cedar Creek

SWIMS Database Key: 288762625

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Taxa	Life Stage	Organism Count			Taxonomic Reference	Condition	Unique Taxon
		Rep 1	Rep 2	Rep 3			
<i>Aesopina pygmaea</i>	L	0	1		Klub 2016		
<i>Caenis</i>	L	6	3		MCB 2019	imm	N
<i>C. punctata</i>	L	4	7		Klub 2016		
<i>Maccaffertium medipunctatum</i>	L	1	1		"		
<i>Stenonema</i>	L	5	3		MCB 2019	imm	
<i>Argia</i>	L	1	0		"	imm	
<i>Corixidae</i>	A	0	1		"	imm	
<i>Ceratopsyche branta</i>	L	1	0		Schmitt 1986		
<i>Cheumatopsyche</i>	L	3	1		MCB 2019		
<i>Hydropsyche</i>	L	1	0		Hils 1995	dam	
<i>Hydropsyche</i>	L	2	4		MCB 2019		
<i>Limnephilidae</i>	L	1	1		"	imm	N
<i>Pisania</i>	L	1	0		"		
<i>Pisania</i>	L	38	27		"		N
<i>D. vittata</i>	A	0	1		Hilsschmitt 1992		
<i>Onicoserinus fastidius</i>	L	1	0		"		
<i>Stenelmis crenata</i>	A	0	1		"		
<i>Ceratopogonidae</i>	L	1	0		MCB 2019	dam	N
<i>Mallochophleba</i>	L	1	0		Hils 1995		
<i>Probozzia</i>	L	1	1		"		
<i>Thienemannella</i> 08304701	P	1	0		MCB 2019		N
<i>Hemerodromia</i>	L	1	0		"		
<i>Caecidotea</i>	A	0	1		Thorp 2016		
<i>Dugesidae</i>	A	2	0		"		
<i>Ferrissia rivularis</i>	A	1	4		"		
<i>Hydrobiidae</i> NOT <i>P. antipodum</i>	A	2	1		Burch 1989		
<i>Campelema decursum</i>	A	1	1		Herman 2014		
<i>Naidinae</i>	A	1	0		Kath/Born 1998		
<i>Tubificinae</i> (without hairs)	A	0	1		"		
<i>Lebertia</i>	A	4	3		Peck et al 1990		
<i>Spereloniidae</i>	A	1	0		"		
<i>Oreonestes rusticus</i>	A	1	0		Hobbs/Jass 1988		
<i>Spilostethus Chironomidae</i>	L	33	42	20			
<i>Pentaneura microspira</i>	L	0	2		Bolton 2012		
<i>Procladius</i>	L	1	0		Ander et al 2013	imm	N
<i>P. (Holotanyus)</i>	L	2	1		"		
<i>Orthocladius</i> 08300000	L	0	1		"	imm	N
<i>Cricotopus (Cricotopus) bicinctus</i> group	L	3	1		"		
<i>Parakiefferiella</i>	L	2	2		"		

Taxonomist: Dimick, Jeffrey

SWIMS Database Key: **288762625**

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