

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name CEDAR CREEK		Waterbody ID Code 21300	Sample ID (YYYYMMDD-CY-FD) 20191010-67-06
Sampling Location OS Mayfield Rd.			Database Key 220742787
SWIMS Station ID 10016327		SWIMS Station Name CEDAR CREEK - 25 FEET DOWNSTREAM OF MAYFIELD RD. JUST WEST OF THE T	
Latitude 43.3286	Longitude -88.1787	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>	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) CRAIG HELKER	Project Name MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRATA
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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	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) 15.37	D.O. (mg/l) 9.59	D.O. (% sat.) 97.9	pH (su)	Conductivity (umhos/cm) 600.8	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 4.0	circle units m/s or f/s <u>0</u>	Average Stream Depth of reach (m) .5	Average Stream Width of reach (m) 6
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>60</u>	Gravel (ladybug to tennisball): <u>30</u>
Sand: <u>10</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (____): _____

Embeddedness of Substrate at Sample Site (%) <u>0</u>	Canopy Cover at Sample Site (%) <u>10</u>
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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:		
Physical			Pasturing of Livestock		
Bank Erosion			Runoff: - Barnyard		
Channelization: - Upstream			- Construction		
- Downstream			- Cropland		
Hydraulic Scour / Channel Incision			- Urban		
Impoundment: - Upstream			Septic Systems		
- Downstream			Tile Drainage - Organic Soils		
Low Flow			- Mineral Soils		
Sedimentation			Springs		
Sludge			Tributary(s)		
Thermal			Wetland		
Turbidity			Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Kiersten Czarniecki</i>	Taxonomist <i>Dimick, Jeffery</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>03/09/2020</i>	Specimens Saved <i>Subsample archived in ABL until Aug 2023</i>	

C3:107
D1:132

Wisconsin Department of Natural Resources

ABL SampleNum: 20191010-67-06

Taxonomist: Dimick, Jeffrey

Waterbody: Cedar Creek

SWIMS Database Key: 220742787

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Tetragonopsis deficiens</i>	L	1	1	Klub 2016		
<i>Heptageniidae</i>	L	1	1	"	dam	N
<i>Leuctra</i>	L	III	4	"		
<i>Maccaffertium mediopunctatum</i>	L	0-III	29	"		
<i>Paragnetina media</i>	L	1	5	Hils 1995		
<i>Procladius</i>	L	1	1	Merr Gumm B 2019		
<i>Helicopsyche borealis</i>	L	x	10	Hils 1995		
<i>Ceratopsyche</i>	L	1	1	"	imm	N
<i>C. bronza</i>	L	III	4	Schm Hils 1986		
<i>C. glossaria</i>	L	1	5	"		
<i>Cheumatopsyche</i>	L	0-11	22	Merr Gumm B 2019		
<i>Hydropsyche betteni</i>	L	xr	15	Schm Hils 1986		
<i>Hydropsyche</i>	L	1	1	Merr Gumm B 2019		
<i>Chimarra aterrima</i>	L	11	2	Hils 1982		
<i>Psychomyia flavida</i>	L	1	1	Hils 1995		
<i>Neophylax</i>	L	11	2	Merr Gumm B 2019	imm	
<i>Macronychus glabratus</i>	L	1	1	Hils Schm 1992		
<i>Dipteromys fastidius</i> L, 19 A, 1	LA	D	20	"		
<i>Stenelmis</i> L, 18 A, 1	LA	x-III	19	"	adlt dam	N
<i>S. crenata</i>	A	x-III	13	"		
<i>Berosus</i>	L	1	1	Merr Gumm B 2019		
<i>Bezzia/Palpus</i>	L	1	1	Hils 1995		
<i>Hemerodromia</i>	L	1	1	Merr Gumm B 2019		
<i>Chrysops</i>	L	1	1	"		
<i>Antocha</i>	L	x-III	14	"		
<i>Ectopora leechi/nervosa</i>	L	1	1	Hils Schm 1992		
<i>Psephenus herricki</i>	L	x1	11	"		
<i>Cricotopus</i>	P	1	1	Merr Gumm B 2019	dam	N
<i>Rheotanytarsus</i>	P	1	1	"		
<i>Caecidotea</i>	A	1	1	Thorp Bog 2016	imm	
<i>Dugesiiidae</i>	A	1	1	"		
<i>Naidinae</i>	A	III	3	Bra Geld 1991		
<i>Spill Az Chironomidae</i>	L	0-100				
<i>Comptosia</i>	L	1	1	And + 3 2013		
<i>Cricotopus (Cricotopus) trifascia group</i>	L	11	2	"		
<i>Theremmannella</i>	L	1	1	"	imm	N
<i>Tritonia discoloripes group</i>	L	III	6	Bode 1983		

Taxonomist: Dimick, Jeffrey

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