

CAC-05

Instructions: **Bold** fields must be completed.

Station Summary		
Waterbody Name CEDAR CREEK	Waterbody ID Code 21300	Sample ID (YYYYMMDD-CY-FD) 20200925-67-03
Sampling Location Cedar Creek @ CTH M. DS of bridge		Database Key 251835581

SWIMS Station ID 673108	SWIMS Station Name CEDAR CREEK AT CTH M 3M (BI SUR)
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Latitude 43.3441	Longitude -88.0777	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) MILWAUKEE RIVER	Watershed Name CEDAR CREEK	County WASHINGTON
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Sample and Site Descriptors	
Sample Collector (Last Name, First) CRAIG HELKER	Project Name MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRATE

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: Milwaukee River Supply

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm) 120
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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 checked="" type="checkbox"/> Slow (< 0.15 m/s) <input 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 -21 m/s or (f/s)	Average Stream Depth of reach (m) .8	Average Stream Width of reach (m) 10
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 10 Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): 20
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: 10 Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____
 Embeddedness of Substrate at Sample Site (%): 60 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			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	Raatz, Trevor	Taxonomist	Dimick, Jeffrey	Estimated Percent of Sample Sorted	JJD 11.67% 11.7
Date Processed	12/10/2020	Specimens Saved	Subsample 133 archived in AB L cabinet Feb 2024		

D3: Q2: 25 | D3: Q1: 17: 110
 A2: Q4: 16: 41 | A2: Q2: 7: 117
 D3: Q4: 27: 68 | D3: Q3: 16: 133
 A2: Q3: 25: 93

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Wisconsin Department of Natural Resources

ABL SampleNum: 20200925-67-03

Taxonomist: Dimick, Jeffrey

Waterbody: Cedar Creek
SWIMS Database Key: 251835581

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Acentrella parvula	L	I	1	Klich 2016		
Caenis punctata	L	III	3	"		
Stenacron	L	III	23	Meier-Wimmer 2019	imm	
Calopterygidae	L	I	1	"	imm	
Cheumatopsyche	L	-II	7	"		
Triaenodes	L	I	1	"	imm	
Dubiraphia	L	XIV	13	"		
Macronychus glabratus	L	I	1	Hols 1995		
Mallochochelea	L	I	1	"		
Concha pelopis 08270704	P	I	1	Meier-Wimmer 2019		
Parakiefferiella	P	III	3	"		
Cladotanytarsus	P	I	1	"		
Uemerochroma	L	I	1	"		
Gammarus pseudolimnaceus	A	II	2	Hols 1972		
Hyalella spinicauda	A	III	4	Sporek et al 2015		
Caecidota intermedia	A	III	4	Will 1972		
Physo	A	I	1	Thorp & Fos 2016		
Hydrobiidae NOT P. antpedarum	A	III	3	Thorp & Fos 1991		
Pisidium	A	II	2	Thorp & Fos 2016		
Naidinae	A	II	2	Kath Bon 1998		
Tubificinae (without hairs)	A	II	2	"		
Split Aza Chironomidae	L	IX-III				
Split Aza Chironomidae	L	III-III				IID
Tanyptera 08270000	L	I	1	And et al 2013	dam	Y
Thienemannimyia group	L	I	1	"		
Cricotopus (Cricotopus) bicinctus group	L	III	3	"		
Parakiefferiella	L	XIII	13	"		N
Chironominae 08330000	L	I	1	"	mt indet	N
Chironomus	L	II	2	"		
Cladotanytarsus	L	-III	8	"		N
Microtendipes	L	III	4	"		
Microtendipes pedellus group	L	I	1	"		
Paratanytarsus	L	I	1	"	mt indet	
Polypedium (Tripodura) scalaenum group	L	X	10	Bolton 2012		
P. (Ures. pedillum) flavum	L	I	1	"		
Rheotanytarsus	L	III	4	And et al 2013		
Stictochironomus	L	I	1	"		