

LCC-02

State of Wisconsin  
Department of Natural Resources  
PO Box 7291, Madison WI 53707-7291  
dnr.wi.gov

**Wadeable Macroinvertebrate  
Field Data Report**  
Form 3200-081 (R 8/14) Page 1 of 2

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> LITTLE CEDAR CREEK	<b>Waterbody ID Code</b> 23400	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20200925-67-01
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<b>Sampling Location</b> e Pioneer Road	<b>Database Key</b> 251835589
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<b>SWIMS Station ID</b> 10008847	<b>SWIMS Station Name</b> LITTLE CEDAR CREEK1
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<b>Latitude</b> 43.28018	<b>Longitude</b> -88.15805	<b>Lat/Long Determination Method (circle)</b> SWIMS <u>SWDV</u> GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
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<b>Basin (WMU)</b> MILWAUKEE RIVER	<b>Watershed Name</b> CEDAR CREEK	<b>County</b> WASHINGTON
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> CRAIG HELKER	<b>Project Name</b> MILWAUKEE RIVER BASIN AQUATIC MACROINVERTEBRA
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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

<b>Total Sampling Time (min)</b> 2	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1	<b>Number of Samples in Composite</b>	<b>Replicate No.</b> _____ <b>of</b> _____
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**Reason For Sampling**

Least Impacted Reference     
  Baseline     
  Impact / Treatment Site  
 Control Site     
  Trend     
  Other: Milw. River Saply

<b>Water Temp. (C)</b>	<b>D.O. (mg/l)</b>	<b>D.O. (% sat.)</b>	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b>	<b>Transparency (cm)</b> 120
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<b>Water Color</b> <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <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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<b>Measured Velocity</b> .45	circle units m/s or f/s <u>0</u>	<b>Average Stream Depth of reach (m)</b> .4	<b>Average Stream Width of reach (m)</b> 4
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**Composition of Substrate Sampled (Percent):**

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

**Embeddedness of Substrate at Sample Site (%)** 30     
 **Canopy Cover at Sample Site (%)** 20

**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
<b>Biological</b>			<b>Chemical</b>		
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:			<b>Sources of Stream Impacts</b>		
			Bank Erosion		
			Point Source - Specify:		
			Pasturing of Livestock		
<b>Physical</b>					
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>Coash, Natalie</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>2.08% 2.1</i>
Date Processed <i>12/7/2020</i>	Specimens Saved <i>Subsample archived in ABC until Feb 2024</i>	

*A1-4: 93*  
*C3-4-4 = 33*

*126*

*1.66 + 0.42*



Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<del>Baetis flavistriga complex</del>	L	-4	7	Kleb 2016		
Calopterygidae	L	1	1	Merrillum B 2019	imm	
Helicopsyche borealis	L	11	3	Hils 1995		
Hydropsychidae	L	11	2	Merrillum B 2019	imm	N
Hydropsyche	L	11	2	Hils 1995	imm	N
H. betteri	L	1	1	Schmitt Hils 1986		
Dubiraphia	L	1111	4	Merrillum B 2019		
Optiosevus	L	11	3	"	imm	N
O. fastiditus L1 A.2	L/A	111	3	Schmitt Hils Schmitt 1992		
Stenelmis crenata	A	111	3	"		
Cricotopus (Cricotopus)	P	11	2	Wieder 1986		N
Cladotanytarsus	P	11	2	Merrillum B 2019		
Hemerodromia	L	111	3	"		
Simulium jenningsi species complex	L	1	1	Adl et al 2004		
S. vittatum species complex 08110217	L	1	1	"		
Chrysope	L	1	1	Merrillum B 2019		
Gammarus pseudolimnacus	A	0	30	Hils 1972		
Caecidotea	A	1	1	Thorp Bog 2016	fem	
Sphaerium simile	A	11	2	Mackie 2007		
Antocha	L	1	1	Merrillum B 2019		
<del>Split A2 Chironomidae</del>	L	81110				
Cryptochironomus	L	1	1	Adl et al 2013		
Microtendipes pedellus group	L	0-4131	3011	"		
Orthocladiinae 08300000	L	1	1	"	dam	N
Cricotopus	L	11	2	"		Y
C. (Cricotopus) bicinctus group	L	-	5	"		
Orthocladus (Orthocladus)	L	-1	6	"		
Parakiefferiella	L	111	7	"		
Chironominae 08330000	L	1	1	"	imm	N
Cladotanytarsus	L	1	1	"		N
A. Polypedium (Tropidura) scalvenum group	L	11	2	Bolton 2012		

23 taxa, TVA L52.0