

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name Mill Creek	Waterbody ID Code 1398600	Sample ID (YYYYMMDD-CY-FD) 20211012-72-07
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Sampling Location
Mill Creek @ CTH-K

SWIMS Station ID 1000945.6	SWIMS Station Name Mill Creek @ CTH-K	Database Key 290600803
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Latitude 44.58753	Longitude 89.98494	Lat/Long Determination method (circle) <u>SWIMS</u> SWDV GPS	Datum Used if using GPS NAD 27 or NAD83
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Basin (WMU) Central Wisconsin	Watershed Name Mill Creek 0707000302	County Wood
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Sample and Site Descriptors

Sample Collector (Last Name, First) Hutchinson, Colton	Project Name Mill Creek TWA
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Sampling Device

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) 5	Estimated Area Sampled (m²) 2	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) 17.1	D.O. (mg/l) 9.28	D.O. (% sat.) 96.5	pH (su) 9.85	Conductivity (umhos/cm) 1363	Transparency (cm)
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Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" 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 mps or cfs	Average Stream Depth of reach (m)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: 0
 Boulders (basketball or larger): 15
 Rubble (tennisball to basketball): 20
 Gravel (ladybug to tennisball.): 30
 Sand: 10
 Clay: —
 Silt/Muck: —
 Overhanging Vegetation: —
 Aquatic Macrophytes: 20
 Leaf Snags: 5
 Course Woody Debris: —
 Other (): —
 Embeddedness of Substrate at Sample Site (%) 10
 Canopy Cover at Sample Site (%) 5

Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 08/14)

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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	N	U	Dissolved Oxygen	N	U
- Planktonic Algae	N	U	Nutrients (P, N,...)	N	U
Iron Bacteria	U	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	PL	U	- Organic (PCBs, pesticides ...)	U	U
Slimes	N	U	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
Physical			Bank Erosion	PL	U
Bank Erosion	PL	U	Point Source - Specify:	N	U
Channelization - Upstream	N	U	Pasturing of Livestock	PL	U
- Downstream	N	U	Runoff: - Barnyard	N	U
Hydraulic Scour / Channel Incision	N	U	- Construction	PL	U
Impoundment: - Upstream	N	U	- Cropland	PL	U
- Downstream	N	U	- Urban	N	U
Low Flow	N	U	Septic Systems	N	U
Sedimentation	PL	U	Tile Drainage - Organic Soils	U	U
Sludge	N	U	- Minerals soils	U	U
Thermal	N	U	Springs	N	U
Turbidity	PL	U	Tributary(s)	N	U
Other - Specify:			Wetland	N	U
			Other - Specify:		

Comments:

Construction debris from pulverized road
Sampled just upstream of bridge

Special Instructions for Laboratory:

4:24

For Lab Use Only

Sample Sorter RRV	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 43.75%
Date Processed 5/11/2022	Specimens Saved Subsample archived in ABL info/ Jul 2025	

D2 A4 B2 D4 D1 B3 A1
 Q4 Q2 Q1 Q3 Q4 Q3 Q2 Q1 5 17 16 12 11
 23 9 1 8 3 8 11 4

128

67

Wisconsin Department of Natural Resources

ABL SampleNum: 20211012-72-07

Taxonomist: Dimick, Jeffrey

Waterbody: Mill Creek

SWIMS Database Key: 290608803

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Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Coenis latipennis</i>	L	II	2	Kub 2016		
<i>Stenonema femoratum</i>	L	I	1	MCB 2019		
Coenagrionidae	L	I	1	"	imm	N
<i>Emallagma</i>	L	III	3	"	imm	
<i>Sigara compressoides</i>	A	VIII	4	Hils 1984a		
<i>S. mathesoni</i>	A	I	1	"		
<i>S. signata</i>	A	I	1	"		
<i>Neserocoris</i>	A	I	1	MCB 2019	dam	
<i>Trepobates subnitidus</i>	A	I	1	Hils 1986		
Hydrobiidae	L	I	1	MCB 2019		
Ceriodontidae	A	I	1	"	dam	Y
<i>Nelephorus</i>	A	I	1	"	dam	
<i>Dubiraphia minima</i>	A	I	1	Hils Schm 1992		
Corynozoona	P	I	1	MCB 2019		
Hemerozoona	L	II	2	"		
Caecidotea	A	II	2	Thorp Egs 2016	dam/imm	
Hydridae	A	I	1	"		
<i>Ferrissia fragilis</i>	A	II	2	"		
Physa	A	I	1	"		
Naidinae	A	I	6	Kath Brin 1998		Y
<i>Stylaria lacustris</i>	A	I	5	"		
Tubificinae (with hairs)	A	I	1	"		Y
Tubificinae (without hairs)	A	I	1	"		Y
Split A/B Chironomidae	L	8x VII				
Split A/B Chironomidae	L	8x VII				
Limnephylus	L	I	1	And et al 2013		
Chironomus	L	II	7	"		
<i>Dixa tendipes</i>	L	III	13	"		
<i>Stictochironomus</i>	L	XIII	18	"		
<i>Microtendipes pedellus</i> group	L	I	1	"		
<i>Labrundinia pilosella</i>	L	I	1	Beltan 2012		
<i>Cricotopus</i> (<i>Cricotopus</i>) <i>bicinctus</i> group	L	I	1	And et al 2013		
<i>Orthocladius</i> (<i>Orthocladius</i>)	L	I	1	"		
<i>Paraphaenocladius</i>	L	I	1	"		
<i>Cladobanytarsus</i>	L	III	3	"		
<i>Micropeetra</i>	L	XII	17	"		

