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)

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

Station Summary

Waterbody Name	**Waterbody ID Code**	**Sample ID (YYYYMMDD-CY-FD)**
CADY CREEK	2058000	20191017-48-01

Sampling Location	**Database Key**
Under bridge	210285425

SWIMS Station ID	**SWIMS Station Name**
10009648	CADY CREEK 1- CTH P

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
		SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	**Watershed Name**	**County**
LOWER CHIPPEWA	EAU GALLE RIVER	PIERCE

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
MYCAL RALEIGH ; Kristen, Kashburn	WCR LONG-TERM TREND WADEABLE REFERENCE STREAM

Sampling Device

- [X] D-Frame Kick Net
- [ ] Surber Sampler
- [ ] Eckman
- [ ] Ponar
- [ ] Artificial Substrate
- [ ] Hess Sampler
- [ ] Other: _____

Habitat Sampled

- [X] Riffle
- [ ] Run
- [ ] Pool
- [ ] Other
- [ ] Shoreline Composite
- [ ] Proportionally-Sampled Habitat
- [ ] Littoral Zone
- [ ] Profundal Zone
- [ ] Wetland

Total Sampling Time (min)	**Estimated Area Sampled (m^2)**	**Number of Samples in Composite**	**Replicate No.** ___ **of** ___
0.5 min	1 m^2	1	1 of 1

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [X] Trend
- [ ] Other: _____

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**

Water Color

- [X] Clear
- [ ] Turbid
- [ ] Stained

Estimated Stream Velocity (m/s)

- [ ] Slow (< 0.15 m/s)
- [X] Moderate (0.15 m/s - 0.5 m/s)
- [ ] Fast (> 0.5 m/s)

Measured Velocity (circle units m/s **or** f/s)	**Average Stream Depth of reach (m)**	**Average Stream Width of reach (m)**
	.25	7

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 20 Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 20

Sand: 10 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 5 **Canopy Cover at Sample Site (%)** 100 (bridge)

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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
Biological		
Algae: - Diatoms / Periphyton	N	U
- Filamentous Algae	N	U
- Planktonic Algae	N	U
Iron Bacteria	N	U
Macrophytes	N	U
Slimes	N	U
Other - Specify:		
Physical		
Bank Erosion	PH	U
Channelization: - Upstream	N	U
- Downstream	N	U
Hydraulic Scour / Channel Incision	N	U
Impoundment: - Upstream	N	N
- Downstream	N	PH
Low Flow	N	N
Sedimentation	N	U
Sludge	N	U
Thermal	N	U
Turbidity	N	U
Other - Specify:		

Factors that may be influencing Water Resource Integrity	Local	Water-shed
Chemical		
Chlorine	U	U
Dissolved Oxygen	N	U
Nutrients (P, N...)	U	U
Toxics: - Inorganic (Metals)	U	U
- Organic (PCBs, pesticides...)	U	U
Other - Specify:		
Sources of Stream Impacts		
Bank Erosion	PL	U
Point Source - Specify:		
Pasturing of Livestock	N	U
Runoff: - Barnyard	N	U
- Construction	N	U
- Cropland	PL	U
- Urban	N	U
Septic Systems	U	U
Tile Drainage - Organic Soils	U	U
- Mineral Soils	U	U
Springs	N	U
Tributary(s)	N	U
Wetland	N	U
Other - Specify:		

Comments

Special Instructions for Laboratory

8/60

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
RRV	Dimick, Jeffrey	13.3%
Date Processed	**Specimens Saved**	
10/22/2020	Subsample archived in BBL until Dec 2023	

C2 B3
67 98

~~103~~ 105
~~112~~ 114

165

Wisconsin Department of Natural Resources
ABL SampleNum: **20191017-48-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Cady Creek**
SWIMS Database Key: **210285425**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis tricaudatus	L	IIII	4	Klub 2016		
Ephemerella	L	-	5	MerkummB 2019	imm	N
E. excrucians	L	III	3	Klub 2016		
Taeniopteryx	L	II	2	MerkummB 2019	imm	
Brachycentrus occidentalis	L	-III	8	Hils 1985		
Ceratopsyche	L	II	2	Hilg 1995	dam	Y
C. slossonae	L	-IIII	10	SchmHils 1986		
Cheumatopsyche	L	X-I	16	MerkummB 2019		
Optioservus	L	-III	8	"	imm	N
O. fastiditus L,2 A,3	LA	-	5	HilsSchm 1992		
Antocha	L	I	1	MerkummB 2019		
Gammarus pseudolimnaeus	A	III	3	Hols 1972		
Naidinae	A	-IIII	9	KathBan 1998		
~~Split #2 Chironomidae~~	~~L~~	~~BLANK~~				
Neoplasta	L	I	1	MerkummB 2019		
Pagastia	L	II	2	And et al 2013		
Eukiefferiella devonica group	L	I	1	"		
Tvetenia bavarica group	L	II	2	Bode 1983		
Orthocladiinae 08300000	L	II	2	And et al 2013	imm	N
Parametriocnemus	L	I	1	"		
Thienemanniella	L	I	1	"		
Chironominae 08330000	L	IIII	4	"	imm	N
Paratendipes	L	I	1	"		
Polypedilum (Uresipedilum) aviceps	L	X-II	17	Bolton 2012		
Rheotanytarsus	L	I	1	And et al 2013		
Tanytarsus	L	-	5	"		