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)**
Woodland Creek	859400	20191017-14-01

Sampling Location	**Database Key**
40 m upstream Butler Road	212667493

SWIMS Station ID	**SWIMS Station Name**
10052631	WOODLAND CREEK- FIRST CROSSING ON BUTLER RD EAST OF HWY 67

Latitude	**Longitude**	**Lat/Long Determination Method (circle)**	**Datum Used if using GPS**
43.35480	-88.50320	SWIMS SWDV (GPS)	(WGS84) or NAD83

Basin (WMU)	**Watershed Name**	**County**
UPPER ROCK	SINISSIPPI LAKE	DODGE

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
AMRHEIN, JAMES	WILDCAT CREEK (DODGE CO) TWA 2019

Sampling Device

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

Habitat Sampled

- [ ] Riffle
- [X] 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** ____
1	1	1	

Reason For Sampling

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

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
7.6	9.78	81.0			

Water Color

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

Estimated Stream Velocity (m/s)

- [X] Slow (< 0.15 m/s)
- [ ] 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)**

Composition of Substrate Sampled (Percent):

Bedrock:	Boulders (basketball or larger):	Rubble (tennisball to basketball):	Gravel (ladybug to tennisball): 20
Sand: 10	Clay: 10	Silt/Muck:	Overhanging Vegetation:
Aquatic Macrophytes: 10	Leaf Snags:	Coarse Woody Debris:	Other (detritus): 50

Embeddedness of Substrate at Sample Site (%) 0 **Canopy Cover at Sample Site (%)** 30

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

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

Comments

Special Instructions for Laboratory

2D = 5

3B, 3D, 2B = 15 (24)

1E, 3A, 2C = 15 (64)

2A, 1D = 7

3E = 4

1B, 1A, 2E = 25 (49)

1C, 3C = 5 (69)

Total = 76

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Murphy Stehlik	Dimick, Jeffrey	100%
Date Processed	**Specimens Saved**	
2/17/2020	Subsample archived in ABL until JUL 2023	

Wisconsin Department of Natural Resources
ABL SampleNum: **20191017-14-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Woodland Creek**
SWIMS Database Key: **212667493**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Sigara alternata	A	II	2	Hils 1984a		
S. grossolineata	A	X	10	"		
S. mathesoni	A	X	10	"		
Rubicaphica	L	II	2	Hils Schm 1992		
Chrysops	L	III	3	Hils 1995		
Gammarus pseudolimnaeus	A	8 III	44	Hols 1977		
Caecidotea	A	I	1	Will 1972	dam	
Orconectes rusticus	A	I	1	Nobbs Jass 1988		
Tubificinae (without hairs)	A	8x-II	57	Klemm 1985		Y
Tubificinae (with hairs)	A	-I	6	"		Y
Physa	A	II	2	Thorp Rog 2016		
Helisoma anceps	A	X II	12	Burch 1989		
~~Split A3 Chironomidae~~	~~L~~	~~II-JJO~~				
Cryptochironomus	L	III	4	Epl et al 2013		
Stictochironomus	L	-II	7	"		
Natarsia baltimorea	L	I	1	Bolton 2012		
Chironomus	L	II	2	Epl et al 2013		
Cryptotendipes	L	I	1	"		
Microtendipes pedellus group	L	III	4	"		
Paratendipes	L	III	4	"		
Phaenopsectra	L	I	1	"	imm	
Polypedilum (Tripodura) halterale group	L	I	1	Bolton 2012		
Rheotanytarsus	L	I	1	Epl et al 2013		