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)**
SCUPPERNONG RIVER	817600	20211107-68-01

Sampling Location @ US CTH ZZ near ped bridge riffle

Database Key 288762633

SWIMS Station ID	**SWIMS Station Name**
10020631	SCUPPERNONG RIVER - 1395 METERS UPSTREAM OF CTHY ZZ

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

Basin (WMU)	**Watershed Name**	**County**
LOWER ROCK	SCUPPERNONG RIVER	WAUKESHA

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
RACHEL SABRE	SER LONG-TERM TREND WADEABLE REFERENCE STREAMS

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.**
2min	1m2	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)**
—	—	—	—	—	120

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)**
—	.25M	10M

Composition of Substrate Sampled (Percent):

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

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

Aquatic Macrophytes: _____ Leaf Snags: 10 Coarse Woody Debris: 10 Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 0%

20211107-68-01
Station #10020631
1 of 1, Scuppernong River 1395 M US CTH ZZ
WBIC #817600
Rachel Sabre
SER LTT Wadable Ref Streams

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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

sample poorly preserved WD

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Undlin, Dylan	Dimock, Jeffrey	Rep1: 12.5% Rep2: 20.8%
Date Processed	**Specimens Saved**	
R1: 11/17/22 & R2: 12/7/22	Rep1: 128 Rep2: 127 Subsamples archived on ABL until March 2026	

Rep 1

D3
q3 → 14
q2 → 29
q1 →
q4 → 20

A2
q1 → 26
q4 → 29
q3 →
q2 → 10
(Total) = 128

Rep2: D1
q4 → 9
q1 → 12
q2 →
q3 → 17

A4
q2 → 10
q1 →
q4 → 30
q3 →

B2
38

A1
q4 → 5
q1 → 6
q2 →
q3 →
(Total) = 127

Wisconsin Department of Natural Resources
ABL SampleNum: **20211107-68-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Scuppernong River**
SWIMS Database Key: **288762633**

Taxa	Life Stage	Organism Count Rep 1	Rep 2	Rep 3	Taxonomic Reference	Condition	Unique Taxon
Baetis brunneicolor	L	3	6		Klub 2016		
Caenis	L	0	1		MCB 2019	dam	
Brachycentrus	L	1	0		"	dam	
Glossosoma intermedrum	L	6	4		WymMas 2000		
Lepidostoma	L	2	2		MCB 2019		
Ceratopsyche slossonae	L	1	1		Hils 1995		
Limnephilidae	L	3	4		MCB 2019	imm	N
Hesperophylax designatus	L	0	2		Hils 1995		
Limnephilus	L	2	4		MCB 2019		
Neophylax	L	0	1		"	imm	
Liodessus affinis	A	1	0		Hils 1994		
Neoplasta	L	2	3		MCB 2019		
Dixa	L	0	1		Hils 1995		
Muscidae	L	1	1		MCB 2019		
Calopsectra	L	1	1		Hils 1995		
Dicranota	L	5	7		MCB 2019		
Gammarus pseudolimnaeus	A	100	81		Hols 1972		
Caecidotea intermedia	A	3	5		Will 1972		
Dugesiidae	A	0	1		ThorpRog 2016		
Fossaria	A	1	0		Burch 1989		
Physa	A	9	6		ThorpRog 2016		
Gyraulus	A	0	1		"		
Megadrili = Metagynophora	A	1	1		"		
Hygrobates	A	0	1		Peck et al 1990		
Sperchonidae	A	0	4		"		
~~Subfz Chironomidae~~	~~L~~	~~11~~	~~9~~ 10				
Eukiefferiella claripennis group	L	1	0		Anderetal 2013		
Orthocladius (Orthocladius)	L	1	1		"		
Micropsectra	L	2	2		"		
Paratanytarsus longistilus	L	5	4		"		
Tanytarsus	L	2	2		"		