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.

2019102450001 03 JN

Station Summary

Waterbody Name	Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD)
SOUTH BRANCH TENMILE CREEK	1383200	Macroinvertebrate 10246001

Sampling Location	Database Key
8M west of Taft Rd	210950267 287759379

SWIMS Station ID	SWIMS Station Name
10009196	SOUTH BRANCH TENMILE CREEK - TAFT RD (SITE 7)

Latitude	Longitude	Lat/Long Determination Method (circle)	Datum Used if using GPS
44.271725	-89.54898	SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	Watershed Name	County
CENTRAL WISCONSIN	SEVENMILE AND TENMILE CREEKS	PORTAGE

Sample and Site Descriptors

Sample Collector (Last Name, First)	Project Name
MICHAEL MILLER	CENTRAL SANDS INFLUENCE OF PESTICIDES ON MACROIN

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 ____
7	>1	1	

Reason For Sampling

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

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
7.5	10.56	88.3	7.81	273.7	122 +

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)
	0.4	5

Composition of Substrate Sampled (Percent):

Bedrock	Boulders (basketball or larger)	Rubble (tennisball to basketball)	Gravel (ladybug to tennisball)
			33/.

Sand	Clay	Silt/Muck	Overhanging Vegetation
			33/.

Aquatic Macrophytes	Leaf Snags	Coarse Woody Debris	Other (leaf pack)
			33/.

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

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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	N	
Channelization: - Upstream	N	
- Downstream	N	
Hydraulic Scour / Channel Incision	N	
Impoundment: - Upstream	N	
- Downstream	N	
Low Flow	N	
Sedimentation	N	
Sludge	N	
Thermal	N	
Turbidity	N	
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	N	
Point Source - Specify:	N	
Pasturing of Livestock	N	
Runoff: - Barnyard	N	
- Construction	N	
- Cropland	N	
- Urban	N	
Septic Systems		
Tile Drainage - Organic Soils	N	
- Mineral Soils	N	
Springs		
Tributary(s)		
Wetland	P	
Other - Specify:		

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Katherine McClure	Dimick, Jeffrey	10.9%
Date Processed	**Specimens Saved**	
3/3/23	Subsample archived at ABL until April 2026	

C393: 25 A292: 19
C391: 16 A291: 26
C392: 16 A294: 8
C394: 20 A293:

Wisconsin Department of Natural Resources
ABL SampleNum: **20191024-50-03**
Taxonomist: Dimick, Jeffrey

Waterbody: **South Branch Tenmile Creek**
SWIMS Database Key: **287759379**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Hesperocorixa atopodonta	A	I	1	Hils 1984a		
H. minorella	A	II	2	"		
H. vulgaris	A	I	1	"		
Brachycentrus occidentalis	L	/	5	Hils 1985		
Nesophylax designatus	L	-I	6	Hils 1995		
Platycentropus	L	I	1	MCB 2014		
Philostomis	L	I	1	"		
Curculionidae	A	I	1	"	dam	
Tvetenia 08304803	P	I	1	"		
Dicranota	L	II	2	"		
Gammarus pseudolimnaeus	A	5555 III	114	Holsinger 1972		
Physa	A	II	2	Thorp Rog 2016		
Lebertia	A	I	1	Peck et al 1997		
Sperchonidae	A	I	1	"		
(JD) ~~Split A2 Chironomidae~~ Polypedilum (Tripodura) aviceps	L	III	3	Bolton 2012		