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)

20190245001

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

Station Summary

Waterbody Name	Waterbody ID Code	Sample ID (YYYYMMDD-CY-FD)
LITTLE PLOVER RIVER	1402100	Macroinvertebrate 20190245001

Sampling Location: 5M N of CTY Rd Z

Database Key: 210950251 2B7759347

SWIMS Station ID	SWIMS Station Name
10034361	LITTLE PLOVER RIVER AT UWSP WATERLAB

Latitude	Longitude	Lat/Long Determination Method (circle)	Datum Used if using GPS
44.470367	-89.503784	SWIMS SWDV GPS	WGS84 or NAD83

Basin (WMU)	Watershed Name	County
CENTRAL WISCONSIN	PLOVER AND LITTLE PLOVER RIVERS	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 ____
5		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)
7.3	11.68	97.6	7.83	234.2	122+

Water Color

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

Estimated Stream Velocity (m/s)

- [ ] Slow (< 0.15 m/s)
- [ ] Moderate (0.15 m/s - 0.5 m/s)
- [X] 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)
	0.6	3

Composition of Substrate Sampled (Percent):

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

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

Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (leaf pack): 80%

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		
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 off of Ctm R. CWSP las gate was closed

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Raymer, Blake	Dimick, Jeffrey	14.1
Date Processed	**Specimens Saved**	
3/3/2023	136 subsample archived in ABL until for 2026	

C4 Q2:16 Q1:17 Q4:15 Q3:14
A1 Q4:14 Q2:16 Q1:19 Q3:13
B3 Q3:12

Wisconsin Department of Natural Resources
ABL SampleNum: **20191024-50-01**
Taxonomist: Dimick, Jeffrey

Waterbody: **Little Plover River**
SWIMS Database Key: **287759347**

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Baetis brunnicolor	L	8HL	43	Klub 2016		
Brachycentrus occidentalis	L	01	21	Wils 1985		
Ceratopsyche slossonae	L	I	1	Schm Wils 1986		
Chevmatopsyche	L	I	1	MCB 2019		
Hydropsyche betteni	L	I	1	Schm Wils 1986		
Lepidostoma	L	II	2	MCB 2019		
Limnephilidae	L	XII	12	"	imm	N
Pycnopsyche	L	-	5	"		
Neophylax	L	I	1	"	imm	
Optioservus	L	III	3	"	imm	N
O. fastiditus	A	I	1	Wils Schm 1992		
Gammarus pseudolimnaeus	A	8	40	Holsinger 1972		
Turbellaria = Neoophora	A	I	1	Thorp Rog 2016		
Ferrissia rivularis	A	I	1	"		
Physa	A	I	1	"		
Pisidium	A	I	1	"		
Leberdra	A	I	1	Peck et al 1990		
~~Split Az Chironomidae~~	L	~~>50~~				
Tvetenia bavarica group	L	I	1	Bode 1983		
Eukiefferiella claripennis group	L	I	1	Ander et al 2013		
Nanocladius	L	I	1	"	imm	
Chironominae 08330000	L	I	1	"	imm	Y
Parakiefferiella longistilus	L	II	2	"		