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)**
UNNAMED	130500	20171011-70-07

Sampling Location: 5 m us Bridge

Database Key: 148494938

SWIMS Station ID	**SWIMS Station Name**
713310	LITTLE LAKE BUTTE DES MORTS TRIBUTARY AT NEENAH WI

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

Basin (WMU)	**Watershed Name**	**County**
LOWER FOX	LITTLE LAKE BUTTE DES MORTS	WINNEBAGO

Sample and Site Descriptors

Sample Collector (Last Name, First)	**Project Name**
ANDREW HUDAK	MUD CREEK AND NEENAH SLOUGH TWA 2017

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**
3	4	1	1 / 1

Reason For Sampling

- [ ] Least Impacted Reference
- [ ] Baseline
- [ ] Impact / Treatment Site
- [ ] Control Site
- [ ] Trend
- [x] Other: Targeted watershed Assessment

Water Temp. (C)	**D.O. (mg/l)**	**D.O. (% sat.)**	**pH (su)**	**Conductivity (umhos/cm)**	**Transparency (cm)**
13.4	8.1	77.5	7.6	1.331	7.22

Water Color

- [x] Clear
- [ ] 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)**
	0.15	3

Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 10

Sand: 30 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: _____

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

Embeddedness of Substrate at Sample Site (%) 50 **Canopy Cover at Sample Site (%)** 20

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)

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

Factors that may be influencing Water Resource Integrity		Local	Water-shed
Chemical			
Chlorine		U	U
Dissolved Oxygen		U	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	PL
Point Source - Specify:		N	U
Pasturing of Livestock		N	N
Runoff:	- Barnyard	N	N
	- Construction	N	U
	- Cropland	N	N
	- Urban	PL	PL
Septic Systems		U	U
Tile Drainage	- Organic Soils	U	U
	- Mineral Soils	U	U
Springs		U	U
Tributary(s)		U	U
Wetland		U	U
Other - Specify:			

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter: Erika Carter	Taxonomist: Dimick, Jeffrey	Estimated Percent of Sample Sorted: 7%
Date Processed: 2-21-18	Specimens Saved: Subsample archived in ABL until May 2021	

A1-210

Wisconsin Department of Natural Resources ody: **Unnamed Tributary to Little Lake Butte des Morts**
ABL SampleNum: **20171011-70-07** SWIMS Database Key: **148494938**
Taxonomist: Dimick, Jeffrey

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Ephydridae	L	|	1	Cuth. Mets. 2008		
Gammarus pseudolimnaeus	A	-III	8	Holsinger 1972		
Cragonyx	A	-I	6	"	fem/dam	
Caecidotea intermedia	A	8881	201	Williams 1972		
Dugesiidae	A	8 III	65	Morena et al 2016		
Naidinae	A	I	1	Brown, Gustav 2002		
tubificoid Naididae w/o capilliform chaetae	A	-HH	10	Brown et al 2008		Y
tubificoid Naididae w/ capilliform chaetae	A	IIII	4	"		Y
Erpobdellidae	A	I	1	Davies 1991	dam	Y
Dina parva	A	I	1	Klemm 1985		
Physa	A	III	3	Rogers 2016		
Prodiamesa olivacea	L	I	1	Saeth., Ander. 2013a		