

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name NEENAH SLOUGH		Waterbody ID Code 130800	Sample ID (YYYYMMDD-CY-FD) 20171011-70-04
Sampling Location 10 m US			Database Key 149418098
SWIMS Station ID 10031789		SWIMS Station Name NEENAH SLOUGH AT CAMERON	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER FOX		Watershed Name LITTLE LAKE BUTTE DES MORTS	County WINNEBAGO

Sample and Site Descriptors	
Sample Collector (Last Name, First) ANDREW HUDAK	Project Name EAST DISTRICT FOLLOW UP MONITORING FOR IMPAIRED

Sampling Device

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

Habitat Sampled

Riffle
 Run
 Pool
 Other
 Shoreline Composite
 Proportionally-Sampled Habitat
 Littoral Zone
 Profundal Zone
 Wetland

Total Sampling Time (min) 4	Estimated Area Sampled (m ²) 6	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: Follow up watershed

Water Temp. (C) 12.7	D.O. (mg/l) 5.8	D.O. (%sat.) 55.3	pH (su) 7.8	Conductivity (umhos/cm) .569	Transparency (cm) 38
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Water Color <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.4	Average Stream Width of reach (m) 6
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Composition of Substrate Sampled (Percent):

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

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

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	Factors that may be influencing Water Resource Integrity	Local	Water-shed
Biological			Chemical		
Algae: - Diatoms / Periphyton	U	U	Chlorine	U	U
- Filamentous Algae	U	U	Dissolved Oxygen	U	U
- Planktonic Algae	U	U	Nutrients (P, N...)	PH	PH
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	PH	PH
Macrophytes	U	U	- Organic (PCBs, pesticides...)	U	U
Slimes	N	N	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	U	U
			Point Source - Specify: <i>Menom Falls</i>	PH	U
Physical			Pasturing of Livestock	N	N
Bank Erosion	N	U	Runoff: - Barnyard	N	N
Channelization: - Upstream	PH	PH	- Construction	N	U
- Downstream	PH	PH	- Cropland	N	U
Hydraulic Scour / Channel Incision	U	U	- Urban	PL	PL
Impoundment: - Upstream	N	N	Septic Systems	U	U
- Downstream	N	N	Tile Drainage - Organic Soils	N	U
Low Flow	N	N	- Mineral Soils	N	U
Sedimentation	U	U	Springs	N	N
Sludge	N	N	Tributary(s)	N	N
Thermal	N	N	Wetland	N	N
Turbidity	PH	PH	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Draut Gaslinic</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted 13%
Date Processed 12-6-17	Specimens Saved <i>Subsample archived in BCL until Mar 2021</i>	

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Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Callibaetis	L	-II	7	Wolterbein 2016	dam/imm	
Caenis	L	II	2	"	imm	N
C. latipennis	L	II	2	"		
Coenagrionidae	L	-	5	West, May 1996	imm	N
Coenagrion/Eurallagma	L	II	29	Schumacher 1991	dam/imm	
Hydropsyche	L	III	3	Wilsonhoff 1995		
Liodessus affinis	A	I	1	Wilsonhoff 1994		
Halpplus	L	-I	5	Wilsonhoff 1995		
Peltodytes edentulus	A	-II	7	Wills, Br. 1978		
Bezzia/Palparomyia	L	II	2	Wilsonhoff 1995		
Procladius (Holotanyptus)	P	I	1	Ferr. et al. 2003		
Paratanypterus	P	I	1	"		N
Tanypterus	P	II	2	"		
Gammarus pseudolimnaceus	A	♀	40	Wolinger 1972		
Hyalella	A	-	5	Neenan 1978		
Caecidotea intermedia	A	III	3	Williams 1972		
Arcturus	A	I	1	Muchins 1984		
Tricladida	A	II	2	Kolasa 1991		
Trichocorixa calva	A	I	1	Wilsonhoff 1994		
T. sexcincta	A	I	1	"		
Daphniidae	A	♀	45	Dork, Frey 1991		
Cyclopidae	A	0-III	28	Williamson 1991		
Echydraeidae	A	II	2	Braunfeld 1991		
Naididae	A	0-III	29	"		Y
Stylaria fossularis	A	I	1	Hilt, Klemm 1985		
S. lacustris	A	XIII	13	"		
Helobdella stagnalis	A	II	2	Klemm 1985		
Ferrissia rivularis	A	I	1	Burch 1982		
Amyxa	A	♂-	35	Rogers 2016		
Gyrinus deflectus	A	IIII	4	Burch 1982		
Hydrobiidae NDT P. antipodanum	A	0II	22	Rogers 2016		
Pisidium	A	I	1	Burch 1972		
3011 A3 Chironomidae	L	IIII				
Clistotanyptus	L	III	3	Cran, Epler 2013		
Labrundinia neppilosella	L	I	1	Epler 2001		
Zawrelinmyia	L	I	1	Cran, Epler 2013		

