

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) Page 1 of 2

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

Station Summary			
Waterbody Name UNT to Mud Creek		Waterbody ID Code 5021293	Sample ID (YYYYMMDD-CY-FD) 20170927-45-08
Sampling Location us culvert		Database Key 148337512	
SWIMS Station ID 10049219		SWIMS Station Name UNT TO MUD CREEK 10M US WEST HIGHVIEW DR	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER FOX		Watershed Name FOX RIVER - APPLETON	County OUTAGAMIE
Sample and Site Descriptors			
Sample Collector (Last Name, First) ANDREW HUDAK		Project Name MUD CREEK AND NEENAH SLOUGH TWA 2017	
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) 63	Estimated Area Sampled (m ²) 2	Number of Samples in Composite 1	Replicate No. 1 of 1
Reason For Sampling			
☐ Least Impacted Reference ☐ Baseline ☐ Impact / Treatment Site ☐ Control Site ☐ Trend ☒ Other: TWA			
Water Temp. (C) 16.8	D.O. (mg/l) 3.5	D.O. (%sat.) 36.1	pH (su) 7.9
Conductivity (umhos/cm) 1115		Transparency (cm) 7122	
Water Color		Estimated Stream Velocity (m/s)	
☒ Clear ☐ Turbid ☐ Stained		☐ 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) 4		Average Stream Width of reach (m) 0.2
Composition of Substrate Sampled (Percent):			
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 30
Sand: 10		Clay: 10	Gravel (ladybug to tennisball): 50
Silt/Muck: _____		Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	
Coarse Woody Debris: _____		Other (): _____	
Embeddedness of Substrate at Sample Site (%) 60		Canopy Cover at Sample Site (%) 90	

E2 98
B1 104

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	N	N	Chlorine	N	N
- Filamentous Algae	N	N	Dissolved Oxygen	U	U
- Planktonic Algae	N	N	Nutrients (P, N...)	U	U
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	N	- Organic (PCBs, pesticides...)	N	N
Slimes	N	N	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PH	PH
			Point Source - Specify:	N	N
Physical			Pasturing of Livestock	N	N
Bank Erosion	PH	PH	Runoff: - Barnyard	N	N
Channelization: - Upstream	U	U	- Construction	U	U
- Downstream	U	U	- Cropland	N	N
Hydraulic Scour / Channel Incision	U	U	- Urban	PH	PH
Impoundment: - Upstream	N	N	Septic Systems	U	U
- Downstream	N	N	Tile Drainage - Organic Soils	N	N
Low Flow	U	U	- Mineral Soils	N	N
Sedimentation	PL	PL	Springs	N	N
Sludge	N	N	Tributary(s)	N	N
Thermal	N	N	Wetland	N	N
Turbidity	U	U	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter	<i>Kaplan</i>	Taxonomist	<i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted	<i>13%</i>
Date Processed	<i>12/12/18</i>	Specimens Saved	<i>Subsample archived in BSL until May 2021</i>		

Taxonomist: Dimick, Jeffrey

SWIMS Database Key: 148337512

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