

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 + Mud Creek	Waterbody ID Code 5021735	Sample ID (YYYYMMDD-CY-FD) 20171002-45-04
Sampling Location 5 m 07		Database Key 148337520

SWIMS Station ID 10049223	SWIMS Station Name UNT TO MUD CREEK 10M US W PINE ST		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	
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) 2	Estimated Area Sampled (m²) 3	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: TWA

Water Temp. (C) 15.66	D.O. (mg/l) 6.18	D.O. (% sat.) 62.7	pH (su) 8.1	Conductivity (umhos/cm) 922	Transparency (cm) 788
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Water Color

Clear
 Turbid
 Stained

Estimated Stream Velocity (m/s)

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) 0.15	Average Stream Width of reach (m) 2.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 30 Gravel (ladybug to tennisball): 30
 Sand: _____ Clay: 10 Silt/Muck: 10 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 20 **Canopy Cover at Sample Site (%)** 70

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Kayla Wilcox</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>13%</i>
Date Processed <i>2/15/18</i>	Specimens Saved <i>Subsample archived in ABC until May 2021</i>	

A1 = 71

E2 = 115