

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name UNNAMED	Waterbody ID Code 129600	Sample ID (YYYYMMDD-CY-FD) 20170927-45-06
Sampling Location vs culvert		Database Key 148337536

SWIMS Station ID 10039498	SWIMS Station Name UNNAMED TRIB OF LAKE BUTTE DES MORTE AT CASOLOMA DR N		
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) 6	Estimated Area Sampled (m ²) 5	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>2</u>
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Reason For Sampling

Least Impacted Reference Baseline Impact / Treatment Site
 Control Site Trend Other: TWA

Water Temp. (C) 16.08	D.O. (mg/l) 1.2	D.O. (%sat.) 11.5	pH (su) 7.5	Conductivity (umhos/cm) 470	Transparency (cm) 712
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Water Color <input checked="" type="checkbox"/> Clear <input 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) 0.1	Average Stream Width of reach (m) 3
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
Sand: 10 Clay: 10 Silt/Muck: 60 Overhanging Vegetation: _____
Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: _____ Other (____): _____

Embeddedness of Substrate at Sample Site (%) 100 Canopy Cover at Sample Site (%) 90

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Evrika Carter</i>	Taxonomist <i>Derrick Jeffrey</i>	Estimated Percent of Sample Sorted <i>70%</i>
Date Processed <i>2-9-18</i>	Specimens Saved <i>Subsample archived in ABC until May 2021</i>	

C2-229

