

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name UNT to Mud Creek	Waterbody ID Code 5020911	Sample ID (YYYYMMDD-CY-FD) 20170927-45-04R1
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Sampling Location 10 m us whitney Rd	Database Key 148337516
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SWIMS Station ID 10049222	SWIMS Station Name UNT TO MUD CREEK 10M US WHITENEY DR
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Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) LOWER FOX	Watershed Name FOX RIVER - APPLETON	County OUTAGAMIE
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Sample and Site Descriptors

Sample Collector (Last Name, First) ANDREW HUDAK	Project Name MUD CREEK AND NEENAH SLOUGH TWA 2017
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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 (m²) 8	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) 16.54	D.O. (mg/l) 7.3	D.O. (% sat.) 95.8	pH (su) 8.2	Conductivity (umhos/cm) 840	Transparency (cm) >122
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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) .15	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: 30 Clay: 10 Silt/Muck: 20 Overhanging Vegetation: 20
 Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 100 **Canopy Cover at Sample Site (%)** 40

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		N	N
- Planktonic Algae		N	N	Nutrients (P, N...)		PL	PL
Iron Bacteria		N	N	Toxics: - Inorganic (Metals)		U	U
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		PH	PH	Runoff: - Barnyard		N	N
Channelization: - Upstream		PL	PL	- Construction		U	U
- Downstream		PL	PL	- Cropland		N	N
Hydraulic Scour / Channel Incision		U	U	- Urban		PH	PH
Impoundment: - Upstream		N	N	Septic Systems		N	N
- Downstream		N	N	Tile Drainage - Organic Soils		N	N
Low Flow		N	N	- Mineral Soils		N	N
Sedimentation		U	U	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	Taxonomist	Estimated Percent of Sample Sorted
Kayla Wilcox	Dimick Jeffrey	13%
Date Processed	Specimens Saved	
2/19/18	Subsample archived in ABC (info) May 2021	

BH104
 A1-52

