

Instructions: Bold fields must be completed.

Station Summary		
<b>Waterbody Name</b> Mud Creek #5	<b>Waterbody ID Code</b> 129500	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20171002-45-02
<b>Sampling Location</b> 50 m up Goat Station		<b>Database Key</b> 148337496

<b>SWIMS Station ID</b> 10049218	<b>SWIMS Station Name</b> MUD CREEK 40M US HWY 41		
<b>Latitude</b>	<b>Longitude</b>	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	
<b>Basin (WMU)</b> LOWER FOX		<b>Watershed Name</b> FOX RIVER - APPLETON	<b>Datum Used if using GPS</b> WGS84 or NAD83
<b>County</b> OUTAGAMIE			

Sample and Site Descriptors	
<b>Sample Collector (Last Name, First)</b> ANDREW HUDAK	<b>Project Name</b> 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

<b>Total Sampling Time (min)</b> 3	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 3	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason For Sampling**

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

<b>Water Temp. (C)</b> 19.73	<b>D.O. (mg/l)</b> 11.07	<b>D.O. (% sat.)</b> 123.5	<b>pH (su)</b> 8.58	<b>Conductivity (umhos/cm)</b> 1030	<b>Transparency (cm)</b> 55
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<b>Water Color</b>	<b>Estimated Stream Velocity (m/s)</b>
<input checked="" type="checkbox"/> Clear <input checked="" type="checkbox"/> Turbid <input type="checkbox"/> Stained	<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)

<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.2	<b>Average Stream Width of reach (m)</b> 5.0
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): 25 Gravel (ladybug to tennisball): 70  
 Sand: 10 Clay: 10 Silt/Muck: 5 Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_ Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: \_\_\_\_\_ Other ( ): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 30 **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
<b>Biological</b>			<b>Chemical</b>		
Algae: - Diatoms / Periphyton	N	N	Chlorine	U	U
- Filamentous Algae	U	U	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	U	U
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	U	U
Macrophytes	U	U	- Organic (PCBs, pesticides...)	N	N
Slimes	N	N	Other - Specify:		
Other - Specify:			<b>Sources of Stream Impacts</b>		
			Bank Erosion	PL	PL
			Point Source - Specify:	N	N
<b>Physical</b>			Pasturing of Livestock	U	N
Bank Erosion	PL	PL	Runoff: - Barnyard	N	N
Channelization: - Upstream	U	U	- Construction	U	U
- Downstream	U	U	- Cropland	N	N
Hydraulic Scour / Channel Incision	PL	PL	- 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	U	N
Sedimentation	U	U	Springs	N	N
Sludge	N	N	Tributary(s)	N	N
Thermal	U	U	Wetland	N	N
Turbidity	U	U	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Erika Carter	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 70%
Date Processed 2-13-18	Specimens Saved Subsample archived in ABC until May 2021	

B2-125

