

### Wadeable Macroinvertebrate Field Data Report

Instructions: Bold fields must be completed.

#### Station Summary

<b>Waterbody Name</b> UNT to Mud Creek	<b>Waterbody ID Code</b> 5021372	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20170927-45-01
---	-------------------------------------	---

<b>Sampling Location</b> Riffle Below Bridge	<b>Database Key</b> 148337524
---	----------------------------------

<b>SWIMS Station ID</b> 10049217	<b>SWIMS Station Name</b> UNT TO MUD CREEK 200M DS WHEELER RD
-------------------------------------	--

<b>Latitude</b>	<b>Longitude</b>	<b>Lat/Long Determination Method (circle)</b> SWIMS    SWDV    GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
-----------------	------------------	---	--

<b>Basin (WMU)</b> LOWER FOX	<b>Watershed Name</b> FOX RIVER - APPLETON	<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> 4	<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
---------------------------------------	--	--	------------------------------------

**Reason For Sampling**

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

<b>Water Temp. (C)</b> 17.33	<b>D.O. (mg/l)</b> 5.6	<b>D.O. (%sat.)</b> 58	<b>pH (su)</b> 7.76	<b>Conductivity (umhos/cm)</b> 836	<b>Transparency (cm)</b> 7122
---------------------------------	---------------------------	---------------------------	------------------------	---------------------------------------	----------------------------------

<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <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> 0.25	<b>Average Stream Width of reach (m)</b> 5
--	--	---

**Composition of Substrate Sampled (Percent):**

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

**Embeddedness of Substrate at Sample Site (%)** 30      **Canopy Cover at Sample Site (%)** 70