

Instructions: **Bold** fields must be completed.

Station Summary		
<b>Waterbody Name</b> MACK CREEK	<b>Waterbody ID Code</b> 267300	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161011-50-01

<b>Sampling Location</b> Co Spring Lake Rd	<b>Database Key</b> 133783530
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<b>SWIMS Station ID</b> 10044738	<b>SWIMS Station Name</b> MACK CREEK AT SPRING LAKE RD US 200 METERS FROM SPRING LAKE
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<b>Latitude</b> 44.3917065	<b>Longitude</b> -89.339428	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
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<b>Basin (WMU)</b> WOLF RIVER	<b>Watershed Name</b> WAUPACA RIVER	<b>County</b> PORTAGE
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Sample and Site Descriptors	
<b>Sample Collector (Last Name, First)</b> DAVID BOLHA	<b>Project Name</b> WAUPACA/TOMORROW TWA [SECTION 319] 2016

**Sampling Device**

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> 2.5	<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: \_\_\_\_\_

<b>Water Temp. (C)</b> 51.3	<b>D.O. (mg/l)</b> 10.00	<b>D.O. (% sat.)</b> 89.6	<b>pH (su)</b> 7.49	<b>Conductivity (umhos/cm)</b> 384.2	<b>Transparency (cm)</b> 120
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<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 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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<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.4	<b>Average Stream Width of reach (m)</b> 2.0
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): 10  
 Sand: 70 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: 10 Leaf Snags: \_\_\_\_\_ Coarse Woody Debris: 10 Other (\_\_\_\_): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) 100 Canopy Cover at Sample Site (%) 10

