

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

**Station Summary**

<b>Waterbody Name</b> NORTH BRANCH EMBARRASS RIVER		<b>Waterbody ID Code</b> 301300	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20201615-59-07
<b>Sampling Location</b>			<b>Database Key</b> 258672018
<b>SWIMS Station ID</b> 10034820	<b>SWIMS Station Name</b> N BR EMBARRASS RIVER AT MAPLE 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> WOLF RIVER	<b>Watershed Name</b> NORTH BRANCH AND MAINSTEM EMBARRASS RIVER		<b>County</b> SHAWANO

**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> ANDREW HUDAK	<b>Project Name</b> 2020 TWA STRASSBURG CREEK- NORTH BRANCH EMBARRASS RIVER
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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

<b>Total Sampling Time (min)</b> 3	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 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: TWA

<b>Water Temp. (C)</b> 7.4	<b>D.O. (mg/l)</b> 10.77	<b>D.O. (% sat.)</b> 89.8	<b>pH (su)</b>	<b>Conductivity (umhos/cm)</b> .312	<b>Transparency (cm)</b> 7122
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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 checked="" 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> 6	<b>Average Stream Width of reach (m)</b> 0.3
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): 10     
 Rubble (tennisball to basketball): 30     
 Gravel (ladybug to tennisball): 30  
 Sand: 20     
 Clay: \_\_\_\_\_     
 Silt/Muck: \_\_\_\_\_     
 Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: \_\_\_\_\_     
 Leaf Snags: 10     
 Coarse Woody Debris: \_\_\_\_\_     
 Other (\_\_\_\_): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%): 20     
 Canopy Cover at Sample Site (%): 10