

Instructions: Bold fields must be completed.

<b>Station Summary</b>		
<b>Waterbody Name</b> WEST BRANCH SHIOC RIVER	<b>Waterbody ID Code</b> 318900	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20191010-59-02
<b>Sampling Location</b>		<b>Database Key</b> 209699396

<b>SWIMS Station ID</b> 593169	<b>SWIMS Station Name</b> WEST BRANCH SHIOC RIVER AT PORTER RD (AKA SOUTH RD)		
<b>Latitude</b>	<b>Longitude</b>	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	
<b>Basin (WMU)</b> WOLF RIVER			<b>County</b> SHAWANO
<b>Watershed Name</b> SHIOC RIVER		<b>Datum Used if using GPS</b> WGS84 or NAD83	

<b>Sample and Site Descriptors</b>	
<b>Sample Collector (Last Name, First)</b> ANDREW HUDAK	<b>Project Name</b> EAST DISTRICT NC STREAM STRATIFIED SITES 2019

**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> 6	<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: Natural Community Random stratified

<b>Water Temp. (C)</b> 12.2	<b>D.O. (mg/l)</b> 8.7	<b>D.O. (% sat.)</b> 88.9	<b>pH (su)</b> 7.8	<b>Conductivity (umhos/cm)</b> .840	<b>Transparency (cm)</b> 2.22
--------------------------------	---------------------------	------------------------------	-----------------------	--	----------------------------------

<b>Water Color</b>	<b>Estimated Stream Velocity (m/s)</b>
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<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)

<b>Measured Velocity</b> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 4	<b>Average Stream Width of reach (m)</b> 0.4
--	---	---

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

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

**Embeddedness of Substrate at Sample Site (%)** 50      **Canopy Cover at Sample Site (%)** 80