

Group: \_\_\_\_\_

Monitor(s): \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

Sample Date: \_\_\_\_ | \_\_\_\_ | \_\_\_\_ Sample Time: \_\_\_\_\_ GWW Site Code: \_\_\_\_\_

Watershed: \_\_\_\_\_ Waterbody: \_\_\_\_\_ State & Municipality: \_\_\_\_\_

Site Location: \_\_\_\_\_

(Notify the GWW office about any changes in the sampling site location.)

<b>Waterbody Condition:</b> <input type="checkbox"/> Adequate depth <input type="checkbox"/> Inadequate depth <input type="checkbox"/> Dry <input type="checkbox"/> No access					
<b>Tide influenced streams:</b> <input type="checkbox"/> Raising tide <input type="checkbox"/> Falling tide <input type="checkbox"/> Unknown <input type="checkbox"/> No applicable					
Temperature		Air: _____ Water: _____		Measure air temp before water temp.	
<b>Group I Taxa</b>	<b>Letter Code<sup>1</sup></b>	<b>Group II Taxa</b>	<b>Letter Code<sup>1</sup></b>	<b>Group III Taxa</b>	<b>Letter Code<sup>1</sup></b>
Caddisfly		Asiatic Clam		Aquatic Worm	
Mayfly		Blackfly		Midge	
Riffle Beetle		Cranefly		Leech	
Snail <sup>2</sup>		Crayfish		Pouch Snail <sup>4</sup>	
Stonefly		Damselfly			
Water Penny Beetle		Dragonfly			
		Filtering Caddisfly <sup>3</sup>			
		Hellgrammite			
		Scud			
		Sowbug			
Number of Taxa= _____ Multiply by 3 = _____ (Index Value)		Number of Taxa= _____ Multiply by 2 = _____ (Index Value)		Number of Taxa= _____ Multiply by 1 = _____ (Index Value)	


1 **Letter Code:** Ø = 0 (Absent); R = 1 to 3 (Rare); C = 4 to 9 (Common); A = 10 or more (Abundant)

2 Gills-breathing snails (shell opens to the right)

3 Filtering Caddisflies are in the Family Hydropsychidae (gills on abdomen; common caddisfly)

4 Pouch snails are in the Family Physidae (shell opens to the left; air-breathing snail)

STREAM BIOTIC INDICES		STREAM QUALITY ASSESSMENT			
<b>Total Number of Taxa</b> (Sum of Number of Taxa in each group)		<i>(Check box corresponding to Cumulative Index Value)</i>			
		<b>POOR &lt;11</b>	<input type="checkbox"/>	<b>FAIR 11-16</b>	<input type="checkbox"/>
<b>Cumulative Index Value</b> (Sum of Index Value for each group)		<b>GOOD 17-22</b>	<input type="checkbox"/>	<b>EXCELLENT &gt;22</b>	<input type="checkbox"/>

Stream Biomonitoring Habitat Assessment			
<b>Canopy Cover</b>			
<b>Open</b>	<b>Partly shaded</b>	<b>Shaded</b>	
<b>Predominate streamside vegetation:</b>			
Bare	Grass	Shrubs	Trees
<b>Predominant surrounding land use:</b>			
Agriculture	Commercial	Field/pasture	Forest
Industrial	Residential	Other:	
<b>Streambed Composition</b>		<b>Sketch Site:</b>	
<b>Width of riffle:</b>			
<b>Bed composition of riffle (%)</b>			
Silt			
Sand			
Gravel (1/4"-2")			
Cobbles (2"-10")			
Boulders (>10")			
<b>Describe water conditions</b> (color, odor, bed growths, surface scum, etc.):			
<b>Comments:</b> Note evidence of rainfall, runoff within previous 24 hours, unusual smell, unusual color, cows or other animals in creek, etc.			<b>GWW use Only</b>
<input type="checkbox"/> I hereby declare that at the time of this monitoring event I have a GWW Stream Biomonitoring certification and that I confirmed the quality of the equipment used for the assessment.			
<input type="checkbox"/> I hereby declare that I do not have a GWW Stream Biomonitoring certification but I am entering data for educational purposes.			
<input type="checkbox"/> <b>Check for electronic signature</b> _____ <div style="text-align: right;">Monitor signature</div>			
	Apr-18	<b>Global Water Watch</b> 559 Devall Drive, AUWRC CASIC Bldg., Auburn University, AL 36849-5415 Tel.: EUA: 1-888-844-4785 ~ Email: <a href="mailto:gww@auburn.edu">gww@auburn.edu</a> Web: <a href="http://www.globalwaterwatch.org">www.globalwaterwatch.org</a>	