

Mississippi Water Stewards: Stream Biomonitoring Data Form

Step 1: Select the appropriate site location from the interactive map, then Enter observation details, please be as detailed as possible! Highlighted information will be entered directly into Water Rangers, other fields are for the MSWS office to review once you attach a picture of the data form.

Observation Details				
MSWS Site Code: _____	Group Name: _____			
Observer Name: _____				
Observation Date: _____	Observation Time (24hr): _____			
Other Testers: _____				
Current Weather Conditions:	Sunny	Cloudy	Rainy	Windy
Weather Details:				
Weather previous 24-hr:	Sunny	Cloudy	Rainy	Windy
Weather Details:				
Waterbody Condition:	Adequate Depth	Inadequate Depth	Dry	No Access
Tidally Influenced Rivers:	Rising Tide	Falling Tide	Uncertain	Not Applicable
Check Methods Used:	<input type="checkbox"/> Kick Net (3 times)		<input type="checkbox"/> Dip Net (3 times with 3 replicates each)	
Check Habitats Sampled:	<input type="checkbox"/> Riffle	<input type="checkbox"/> Vegetation	<input type="checkbox"/> Pool	<input type="checkbox"/> Streambank

Step 2: Enter water observation data & associated biomonitoring parameters.

Observation Data		
<i>Group 1 Taxa</i>	<i>Group 2 Taxa</i>	<i>Group 3 Taxa</i>
Gilled Snail	Crayfish	Pouch Snail
Riffle Beetle Adult & Larva	Freshwater Shrimp	Leech
Mayfly	Sowbug	Flatworm
All Caddisflies*	Dragonfly	Red Midge Larva & Pupa
Water Penny	Damselfly	Aquatic Worms
Stonefly	Asiatic Clam	
	Freshwater Mussel	
	Crane Fly Larva	
	Orb Snail	
	Non-red Midge Larva & Pupa	
	Black Fly Larva & Pupa	
	Scud	
	Dobsonfly	

***All free-floating, case-making and net-spinning caddisflies. **Note if see Zebra Mussels (and how many):**

No. of Taxa = _____	No. of Taxa = _____	No. of Taxa = _____
Multiply by 3 = _____	Multiply by 2 = _____	Multiply by 1 = _____
(Index Value)	(Index Value)	(Index Value)

STREAM BIOTIC INDICES		STREAM QUALITY ASSESSMENT: CIV	
Total No. of Taxa <i>(Sum of No. of Taxa in each group)</i>		POOR 10 or Less <input style="width: 50px;" type="checkbox"/>	FAIR 11-16 <input style="width: 50px;" type="checkbox"/>
Cumulative Index Value (CIV) <i>(Sum of Index Values for each group)</i>		GOOD 17-22 <input style="width: 50px;" type="checkbox"/>	EXCELLENT 23 or More <input style="width: 50px;" type="checkbox"/>

Step 3: Enter Comments below about weather patterns and water body conditions & attach photos taken during sampling & attach a picture of this data form to your Water Rangers submission.



By clicking submit, you are declaring that you are currently a certified MSWS monitor and that you accurately followed all sampling and testing protocols.

