

# Mississippi Water Stewards: Water Monitoring Data Form

**Step 1: Select the appropriate site location, then Enter observation details, please be as detailed as possible in notes sections! Information is listed as you will enter to Water Rangers.**

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

**Step 2: Enter water observation data & associated bacteriological monitoring parameters if you are monitoring bacteriological parameters.**

Observation Data		
Variable	Value	Important Tips
Temperature (°C)	Air: _____ Water: _____	Measure air temp before water temp. Read with bulb submerged if possible. Don't touch bulb.
Sample Volume	mL	Use same volume for all replicates
Plating Time	(24-hr format)	<b>Incubation begins when samples are plated.</b>
Incubation Temperature	°C	Keep incubation temperature between 29 and 37 °C
Incubation Periods	hrs	<b>Count bacteria within 30-48 hours of incubation.</b>
Media Expiration Date		Use this date format: <b>Jul/2019</b> (from media box)
Plated onsite	Yes _____ No _____	If not plated at sampling site, <b>always transport on ice</b> and plate within 3 hours.

\*Note: If colonies are too numerous to count (>200), report as 250.

Replicate No.	No. of E. Coli colonies on plate (blue to purple)	E. Coli per 100mL	No. of other coliforms on plate (pink to dark red)	Other coliforms per 100 mL	Total Coliforms (all colonies on plate)	Total Coliforms per 100 mL
1						
2						
3						

**Step 3: Enter any additional water quality information, wildlife sightings, photos taken during sampling, and add any additional pertinent information! Underlined information is required.**



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

