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

Sampling Site:_____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
Incubation Start Time	(24-hr format)	**Incubation begins when samples are placed in incubator.**
Incubation Temperature	°C	**R-CARD Incubation temperature range: 35-38°C**
Incubation Period	hrs	**R-CARD Incubation time: 20-24 hours**
R-CARD Expiration Date		R-CARD expiration date on original package
Plated onsite	Yes No	R-CARDs should only be plated on site; incubate within 3 hrs

*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, <u>photos taken during sampling, and add any additional pertinent information!</u>

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