

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: Weather Details:	Sunny	Cloudy	Rainy	Windy
Weather previous 24-hr: Weather Details:	Sunny	Cloudy	Rainy	Windy
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 chemistry 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.
Water Depth (m)	_____	This can be an estimation or exact measurement.
pH (0-14)	(standard international units)	Record to nearest 0.5 unit.
Total Alkalinity	# drops x 5= _____ (mg/L)	Add drops until no more color change; record number of drops that produced final change.
Total Hardness	# drops x 10= _____ (mg/L)	
Dissolved Oxygen (ppm)	Rep 1: _____ Rep 2: _____	Ensure the two readings are within 0.6 ppm.
Dissolved Oxygen (% Sat)	Avg DO _____ % DO Sat	Estimate from chart that accompanied MSWS manual.
Turbidity	# 0.5 mL x 5 (50 ml) = _____ JTU # 0.5 mL x 10 (25 ml) = _____ JTU	Enter zero (0) mL and 2 JTU if one addition of reagent surpassed the turbidity of the sample. Use bottom line ONLY if 25 mL sample volume was used.
Secchi Depth (m)	bottom visible _____ exact reading	Do not record depth if disk hits bottom while visible.
Salinity (ppt)	_____	If salinity is present, do not test for hardness.

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.

