

Names (include everyone in the group):

data sheet

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Parameter	Site 1	Site 2	Site 3	Site 4	Site 5
Date					
Location					
Air Temp					
Turbidity					
Water Temp					
DO					
pH					

You're not finished yet! Make sure to enter your data at the WWMD data base online. Your data proves you monitored and allows for a global snapshot of the world's water quality.

WORLD WATER MONITORING CHALLENGE RECORDING FORM

Names: _____

Date: _____ **Location:** _____

Problem: Will the preliminary assessment (using 4 non-hazardous tests) of the Chestnut Hill Reservoir show a healthy environment?

Hypothesis: I hypothesize that:

Procedure:

- Measure the temperature of the water and record results on the back of this sheet.
- Conduct Dissolved Oxygen (DO) test. Follow directions carefully making sure you use the correct test tube and the right test tabs. Make sure there is no air in the test tube. Record results.
- Conduct the turbidity test. Get the opinion of all members of your team before settling on a result. Record results.
- Conduct pH test. Again, make sure all members of the team agree on the results or calculate the average from all conclusions. Record results.
- Clean and dry all testing equipment and put everything back the way you found it.

Data and Observations: Write down all things that you see, measure, test, and weigh. Make note of all things that relate to the experiment.

Test Result	Ranking
Water temperature:	XXXXX
Dissolved Oxygen:	
Turbidity:	
pH:	

Conclusions:

1. What does turbidity test?
2. What is Dissolved Oxygen necessary for? What DO is considered healthy for aquatic life?
3. What pH reading is considered neutral? Anything below neutral is? Anything above neutral is?
4. Was your hypothesis correct?