

# What's in My Water?!? - Microbe Data sheet

Name(s): \_\_\_\_\_

Date: \_\_\_\_\_

## Collecting your water sample

Describe the area from where your water sample was collected. Include the surroundings plants, animals, etc. that were found in this area.

## Looking at your water sample

Describe in detail what your water sample looks like. Include color, contents, and any other observable features.

Sketch what your water sample looks like. Provide details and color if needed:

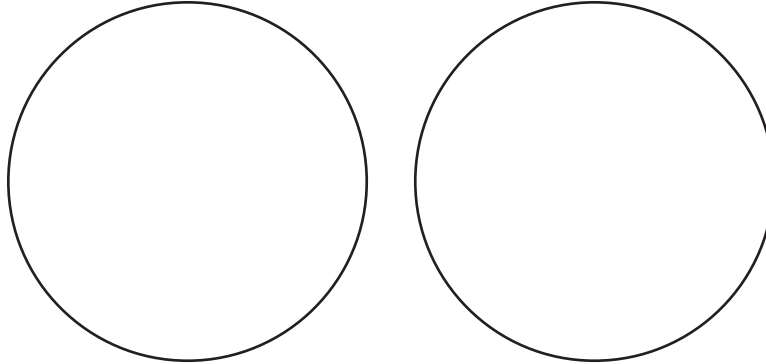


What microorganisms do you think will be found in this water sample? Why do you think this?

# What's in My Water?!? - Microbe Data sheet Continued

## Using the microscope or hand lens

Sketch what you saw through the microscope or using the hand lens in the circles below.



## Microbe Data Table

Using your references and your observations, record the different microorganisms found in your water sample.

Sketch of Microorganism	Description of Microorganism	What type of microorganism do you think this is?	Interesting fact about this microorganism	Additional notes about microorganism

# What's in My Water?!? - Microbe Data sheet Continued

## Comparing Microorganisms

1. Compare the microorganisms you found to the ones found in other groups' samples.
2. What are some reasons you think other samples had different microorganisms than your group's sample did?
3. Which areas tested do you think have a greater diversity of microorganisms?  
Why do you think this?
4. Do you think the number of organisms found in your sample could be found all year round?  
Why do you think it would change or stay the same?
5. What would you tell a friend who said it was okay to drink water straight from a pond?  
Why would you tell them this?