

Analysis:

1. Summarize the changes in the ecosystem in the days before you added the acid or base:

2. What effect did the pH solution have on your ecosystem?

3. Using the class data, which pH solutions did the microorganisms survive? Not survive?

4. Human blood is a solution with a pH near 7. Our blood cells are the same size as some of the microorganisms you observed and are surrounded by cell membranes in the same way. What might happen to a human if the pH of blood changed?

5. A pond ecosystem food chain is dependent on microorganisms. If a pollutant changes the pH dramatically, what will happen to the pond?

Conclusion: