

# Water Quality Study Notes

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Use it to complete your copy of the study notes.

1. Cohesion is the property of water that allows it to form drops.
2. Water is easily polluted because many substances dissolve in it.
3. Wastes from microorganisms and decomposing matter can create a bad odor and dark color in water.
4. One biotic factor that can influence the number of microorganisms present is food.
5. Finding the source of pollution and stopping it is the most environmentally friendly way to clean polluted streams.
6. The high salt content of sea water affect its' usefulness to people by reducing the number of ways that people can use it.
7. The least expensive way for communities to deal with water shortages is to conserve water.
8. Communities along a river decide how to manage their river by studying the issues and holding public meetings.
9. A major abiotic factor that affects freshwater ecosystems is the speed of water.
10. A lake becomes a forest when it fills with sediment over time.
11. Because water can dissolve many substances it allows substances spilled on the soil to be carried into underground water supplies.
12. Because oil is less dense than water and floats on the surface, an oil spill at sea often damages birds and sea mammals but fish are relatively unaffected.
13. An unusual property of water is that it is less dense as a solid.
14. Building a dam on a river will cause the plant and fish populations to change.
15. Mining in an area might reduce pH and add heavy metals to stream water.
16. Farming is one activity in Utah that requires a lot of water.
17. Wetlands help to replenish underground water supplies by helping the surface water move deeper in the ground.
18. The speed of water is an important abiotic factor in a freshwater ecosystem because animals must adapt so they are not washed away.
19. A wetland is an ecosystem that plays an important role in flood control.