

Environmental Science
Chapter 11 –Study guide

Vocabulary

- Surface water
- River system
- Watershed
- Groundwater
- Aquifer
- Porosity
- Permeability
- Recharge zone
- Potable
- Pathogen
- Irrigation
- Dam
- Reservoir
- Desalination
- Water pollution
- Point-source pollution
- Nonpoint-source pollution
- Wastewater
- Artificial eutrophication
- Thermal pollution
- Biomagnifications

Review Questions

1. Describe the distribution of Earth's water resources.
2. Explain why fresh water is one of Earth's limited resources.
3. Describe the distribution of Earth's surface water.
4. Describe the relationship between groundwater and surface water in a watershed.
5. Describe how water travels through rock.
6. Identify patterns of global use.
7. Explain how water is treated so that it could be used for drinking.
8. Identify how water is used in homes, in industry, and in agriculture.
9. Describe how dams and water diversion projects are used to manage freshwater resources.
10. Identify five ways that water can be conserved.
11. Compare point-source pollution and nonpoint-source pollution.
12. Classify water pollutants by five types.
13. Explain why groundwater pollution is difficult to clean.
14. Describe the major sources of ocean pollution, and explain the effects of pollution on ecosystems.
15. Describe six major laws designed to improve water quality in the US.