**Chap. 9**

1. What are the Earth’s natural sources of water?

2. Explain the ways in which humans manage water distribution.

3. Describe the major human uses of water.

4. What factors will affect the future availability of water?

**Key Vocab**

Aquifers Unconfined Aquifers

Confined Aquifers Water Table

Groundwater Recharge Springs

Artesian Wells Cone of Depression

Saltwater Intrusion Floodplain

Oligotrophic Mesotrophic

Eutrophic Impermeable Surfaces

Levee Dikes

Dam Reservoir

Fish Ladders Aqueducts

Desalination Hydroponic Agriculture

**Chap. 14**

1. Distinguish between point and nonpoint sources of pollution.

2. Identify the ways in which human wastewater can cause water pollution.

3. Evaluate the different technologies that humans have developed for treating wastewater.

4. What are the major types of heavy metals and other substances that pose serious hazards to humans and the environment?

5. Discuss the impacts of oil spills and how such spills can be remediated.

6. Identify contaminants that are nonchemical pollutants.

7. Explain the connections among industrialization, affluence, and water-pollution legislation.

**Key Vocab**

Water Pollution Point Sources

Nonpoint Sources Wastewater

Oxygen-demanding waste Biochemical Oxygen Demand (BOD)

Dead Zones Eutrophication

Cultural Eutrophication Indicator Species

Fecal Coliform Bacteria Septic System

Septic Tank Sludge

Septage Leach Field

Manure Lagoons Acid Deposition

PCB’s PBDE’s

Thermal Pollution Thermal Shock

Maximum Contaminant Levels (MCL)