Chapter 11 – Water

- What is the relationship between ground water and surface water?
- Why is fresh water considered a limited resource?
- What percent of Earth’s water is fresh water?
- Where is most of the fresh water located?
- What is surface water? Where is surface water found?
- What is a watershed?
- What is an aquifer?
- What is porosity? Permeability? Permeable? Impermeable?
- What is a recharge zone? Why is this zone environmentally sensitive?
- What is water treatment? How does water treatment work?
- What do industries use water for?
- What are the goals of water management projects?
- What are water diversion projects? What are canals used for?
- What are dams and what is their purpose?
- What are reservoirs and what is their purpose?
- What are the benefits and consequences of building dams?
- What is a drip irrigation system?
- Identify at least five ways a person can conserve water?
- What is desalination?
- What is point source pollution? Non point source pollution?
- Examples and point source and non point source pollution.
- Explain artificial eutrophication.
- What is thermal pollution? What is the main cause of thermal pollution?
- What is the result of thermal pollution?
- What do artificial eutrophication and thermal pollution have in common?
- Why is groundwater pollution a challenging environmental problem?
- Where does the majority of ocean pollution come from?
- Where does most oil pollutants come from?
- What is the Great Pacific Garbage Patch? What problems does the garbage patch cause?
- What is biomagnification?
- What is the Clean Water Act?
- What activity accounts for the greatest percentage of fresh water used worldwide?