



Water

Remember to **practice** with the study questions on the BIOL 101 web site.

Anadromous fish	Hydrlysis
Appropriative rights	Kidney
Biochemical oxygen demand	John Muir
California Aqueduct	Nitrogenous waste
Desalination	Oligotrophic
Eutrophic	Osmosis
H ₂ O	Osmoregulation
Hetch Hetchy	Polar molecule
Hydrogen bond	Riparian use rights
Hydrologic cycle	Urea

Questions

1. From where does the water for your home come?
2. "Hetch Hetchy Valley" is an essay by John Muir available on the BIOL 101 web site. Read the essay and be able to answer the following questions:
 - •What is the Merced Yosemite?
 - •What is the Tuolumne Yosemite?
 - •What is the elevation of the Tuolumne Valley?
 - •What did Muir think of the proposed 175-foot lake?
3. Use the Water Pollution Study on the web to answer the following questions <skylinecollege.edu/case>:
Control conditions: 8 ppm untreated sewage at 54°F (12°C)
 - •What is the effect of dumping sewage in warmer water? In colder water?
 - •What is the effect of dumping more sewage in a fast-moving river?
4. What happens if an animal cell is put in distilled water? In seawater

