Warm-Up

08JAN2016

 What are the dominant uses of water by humans?

 Why does it require so much more water to produce 1 kg of beef than 1 kg of grain?

Logistics

- 10 Vocabulary Due Today
- Bag of Rocks Due on Monday
- Read Klein Chapter 4 (Walter and Bernadette)

 Gather 6 Bottles per group by Friday next week

The Future of Water Availability

- Water ownership- people can have rights to water use, but they do not own the water.
- Water conservation- using techniques such as more efficient water fixtures, faucets and washing machines.



Figure 9.23
Environmental Science
© 2012 W. H. Freeman and Company

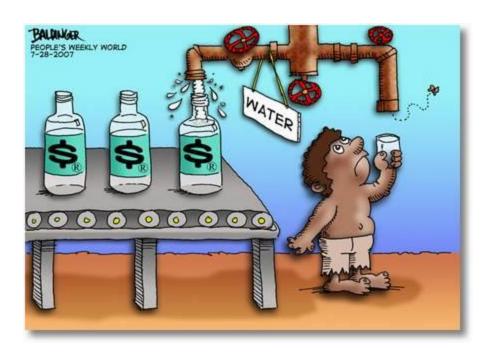
• Who owns water?

 Water ownership- people can have rights to water use, but they do not own the water.

People debate between different ways to share water.

- -First Right, First Use
- -Upstream
- -Historical Use
- -Trade on the "free market"

• Who owns water?



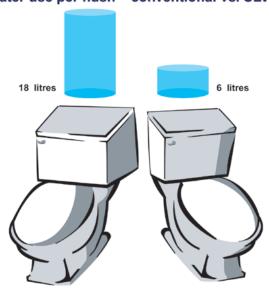
- Water is becoming increasingly rare
- How can we conserve what we have?

Water Conservation

Water use per flush - conventional vs. ULV toilet

• Reduce & Reuse





Xeroscaping

Water Conservation

Gray water (re-use)



Water Conservation



Rain water collection



 We will watch a documentary about Global water shortages: "Last Call for the Oasis"

Warm-Up

08JAN2015

- What was the most interesting piece of information you learned from "Last Call at the Oasis"?
 - Turn in the Warm-Ups next week!
 - Turn in 10 Vocab today!

