

TheCaseSolutions.com Water Resources and Water Pollution



Withdrawing Water from an Aquifer: The Economics Case Solution

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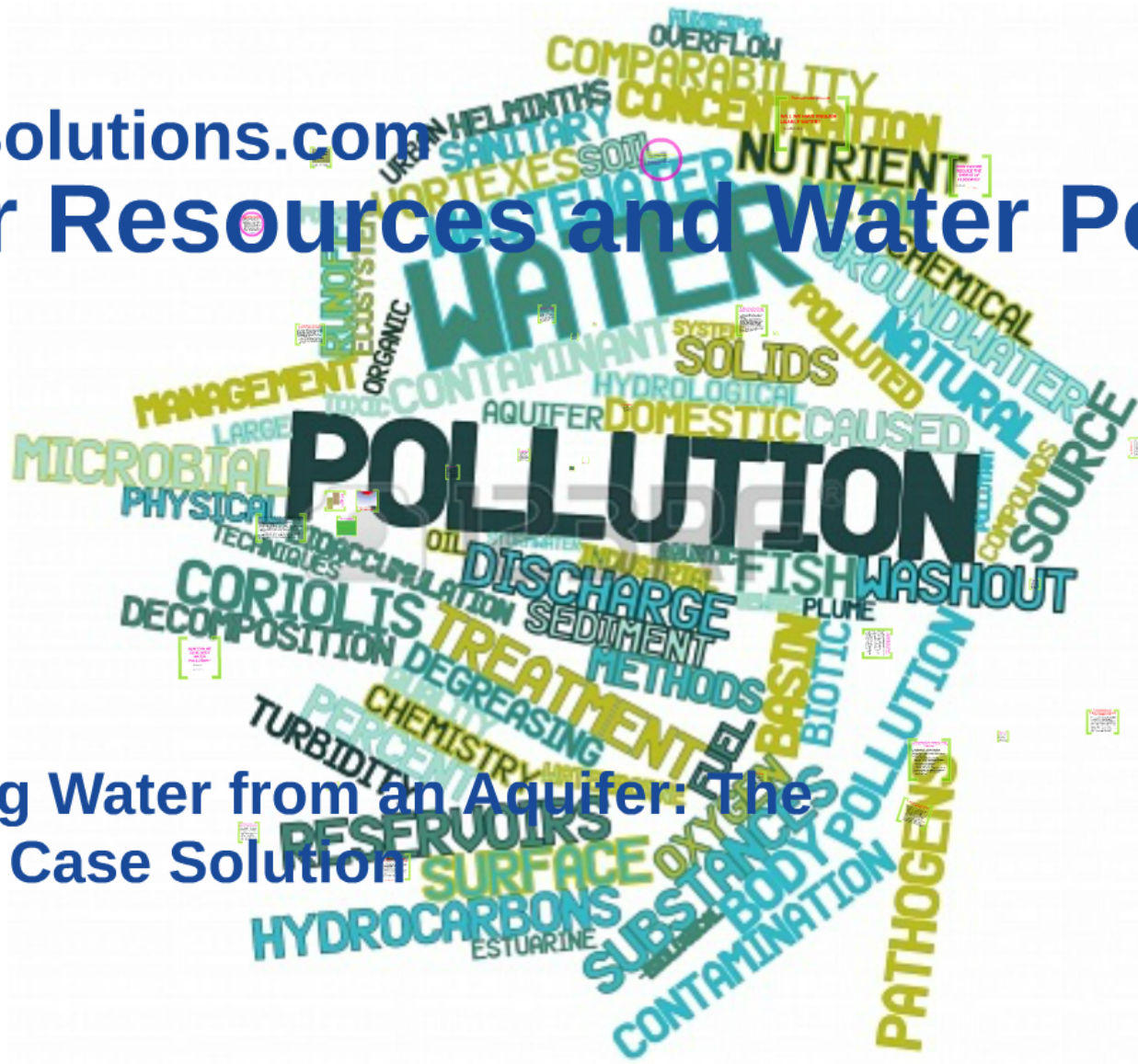


Withdrawing Water from an Aquifer: The Economics Case Solution

WILL WE HAVE ENOUGH USABLE WATER?

Section 11-1

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Withdrawing Water from an Aquifer: The
Economics Case Solution

Water is an irreplaceable resource that we are managing poorly.

Water is relatively pure and contains very few pollutants.

Water is a precious layer of water—most of the planet is covered by water, covering about 71% of the Earth's surface.

Water is an irreplaceable chemical with unique properties that keep us and other life forms alive. A person could survive for weeks without food, but for only a few days without water.

A. Freshwater is an irreplaceable resource that we are managing poorly.

- **Huge amounts of water are needed to supply us with food, shelter, and meet our other daily needs and wants.**
- **Water helps to sculpt the earth's surface, moderate climate, and remove and dilute wastes and pollutants.**
- **Water is one of our most poorly managed resources.**
 - **People waste and pollute it.**
 - **We charge too little for making it available.**

freshwater is available
the fact that we are poor.

Concerns regarding
Global health issue
An economic issue
A women's and child
A national and global
issue
An environmental

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B. Most of the earth's freshwater is not available to us.

- About 0.024% is readily available to us as liquid freshwater in accessible groundwater deposits and in lakes, rivers, and streams.
- The rest is in the salty oceans, in frozen polar ice caps and glaciers, or in deep underground and inaccessible locations.