

# **EPID-600 Introduction to Public Health Home site Water and Sewage**

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## **Objectives:**

### **Students will be able to describe**

- Health department programs that ensure access to safe drinking water
- programs that ensure safe disposal of wastes
- Describe interdependence of wells and private sewage disposal systems on individual home sites

## **Key Words**

Ground water, Surface water, Community Water Systems, Community Waste Treatment systems, Septic Tanks, Wells, Federal Standards, EPA, Pollutants, Action levels, Primary treatment, secondary treatment, tertiary treatment, filtration, distribution systems, water reuse, potable water, SWDA, contaminants, water quality, purification.

## **Concept.**

Control of environmental hazards are basic tools to ensure health of the community. The focus here is on rural home sites.

## **References:**

Maxcy Rosenau 13th Edn. Chapter 35. 14th Edn. Chapter 17

Note: Public Water & Sewage systems will be covered in Dr. Vance's environmental health class.

## **Read:**

PDF file on [Sewage Strategies](#).

Introduction to Public Health, : Schneider Chapter 21 and 22

Buttery [Essay 8](#), ( [pdf version](#)) section on environmental issues , look at waste, water issues and local control policies

Then view Dr. Price's [slide show](#) ([Handouts](#))

[Well/Septic Tank Bookmarks](#)