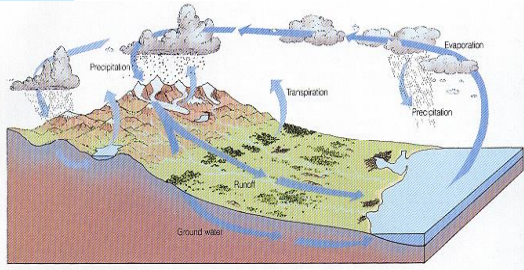
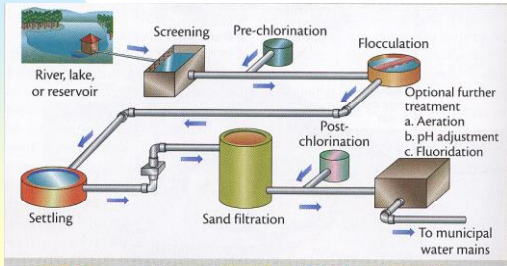


Hydrologic Cycle

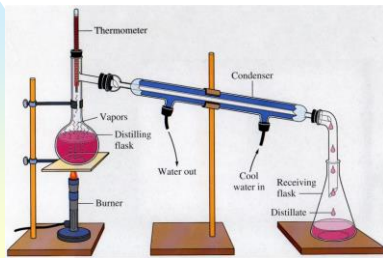


Water Treatment

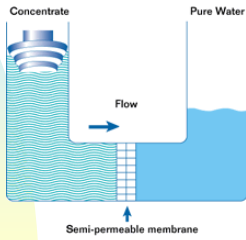
- The following diagram shows how source water is treated for your consumption



Distillation



Reverse Osmosis



Dangers of Chlorination

Trihalomethanes (THMs) can be made by mixing organic material and chlorine. THMs are carcinogenic.

Solutions:

- Activated Charcoal
- Ozone alternative
- Eliminate Pre-chlorination

Key problem is balancing the benefits of disease prevention on chlorine addition to the side effects of THMs.

Hard Water

Hard water is water that has an excess of calcium, magnesium and iron ions dissolved.

Hard water is turned into soft water by an ion exchange resin. That resin is

regenerated by salt water

