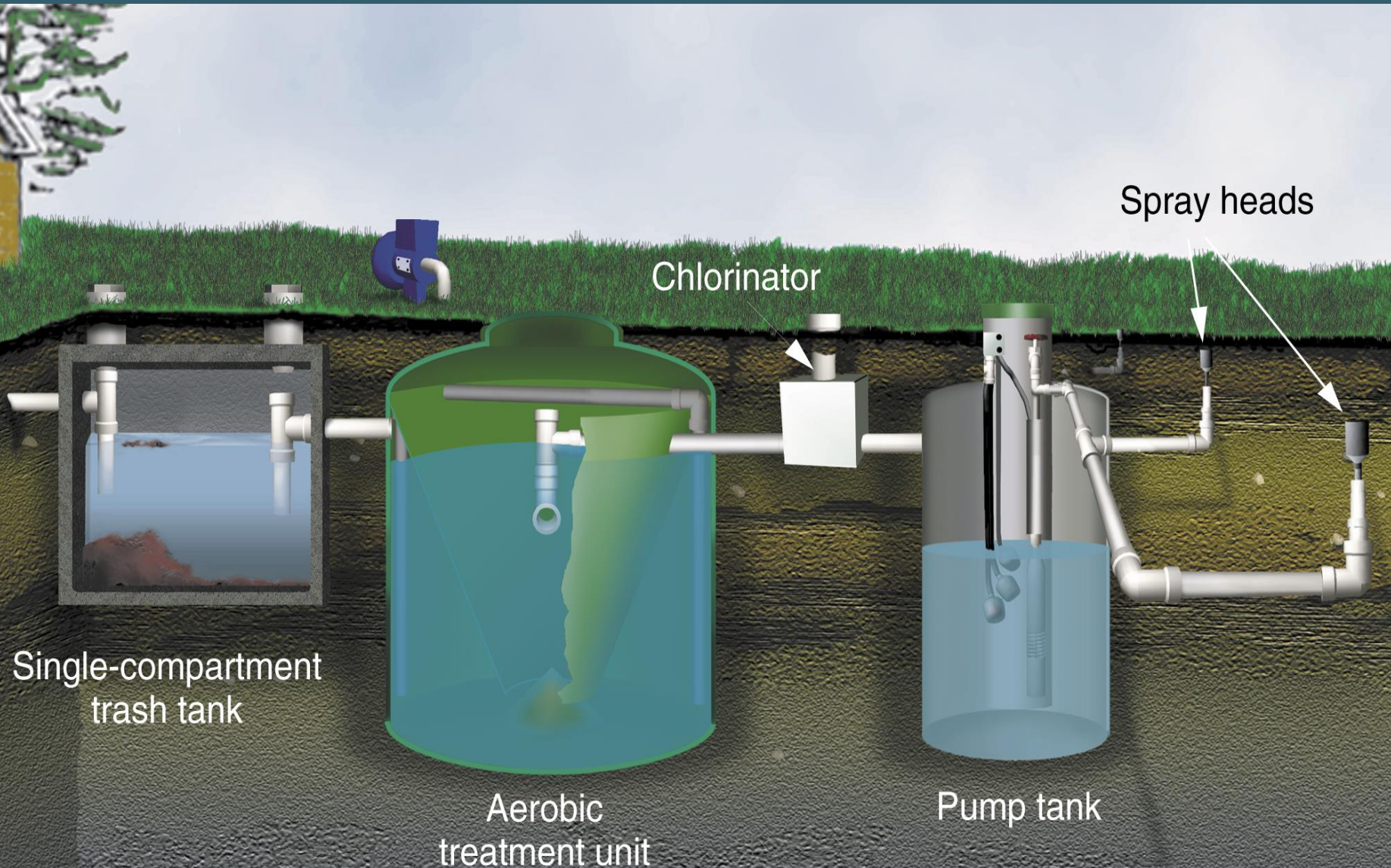
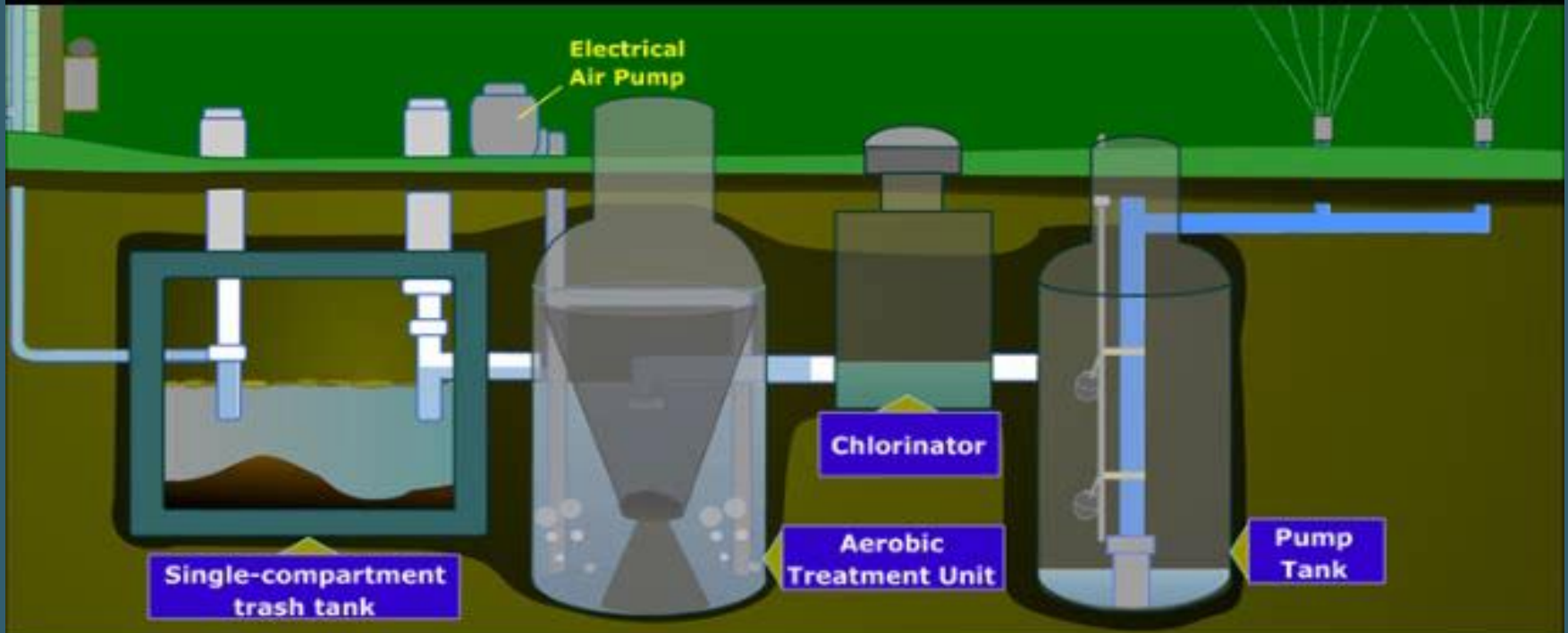


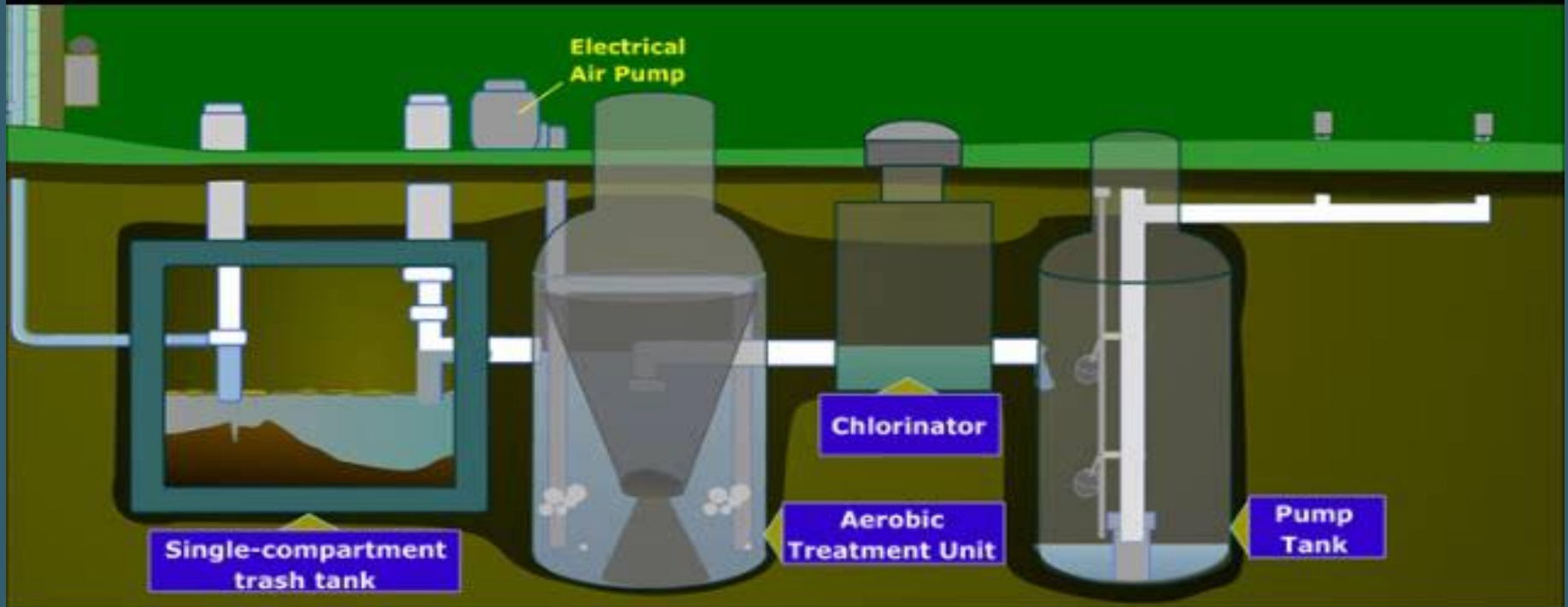
What is an Aerobic Treatment Unit?



Aerobic Treatment Unit



Aerobic Treatment Unit





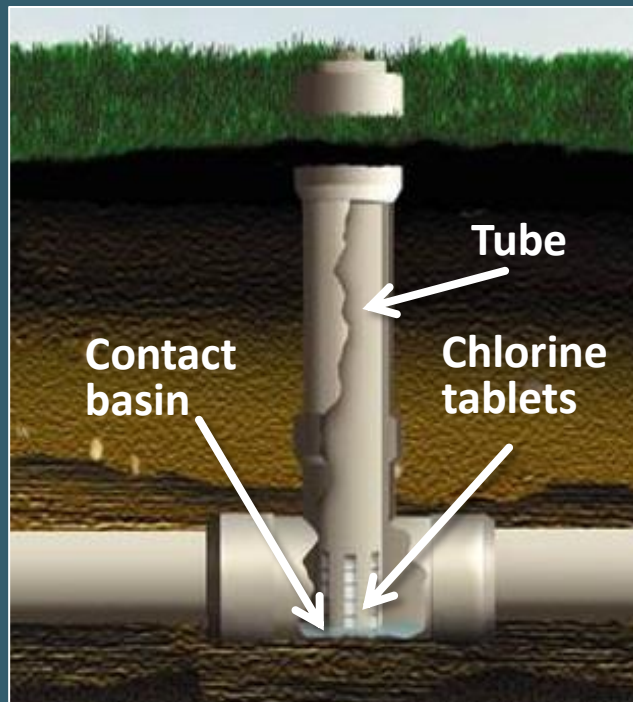
Large rotifers attached to aerobic treatment media feeding on bacteria and organic nutrients pH 6.94, DO 4.54 ppm



Mite on aerobic treatment media pH 6.94, DO 4.54

Aerobic Treatment Unit System

- Disinfection
 - Disinfection, NOT sterilization!
 - Chlorinator
 - NOT SWIMMING POOL TABLETS!
 - UV light
- Distribution
 - Pump tank
 - Spray field
 - Subsurface drip



Water Quality – Spray Field

- High potential for human contact
- This is effluent – **NOT DRINKING WATER!!!!**
- Soil microbes are the final treatment!
- A healthy cover crop is essential for the system to function properly.
 - Take up water and nutrients
 - Stabilize the soil and prevent erosion
 - Provide food and habitat for beneficial soil organisms



Subsurface Drip Distribution

