Spray Dispersal Systems

Spray System Components

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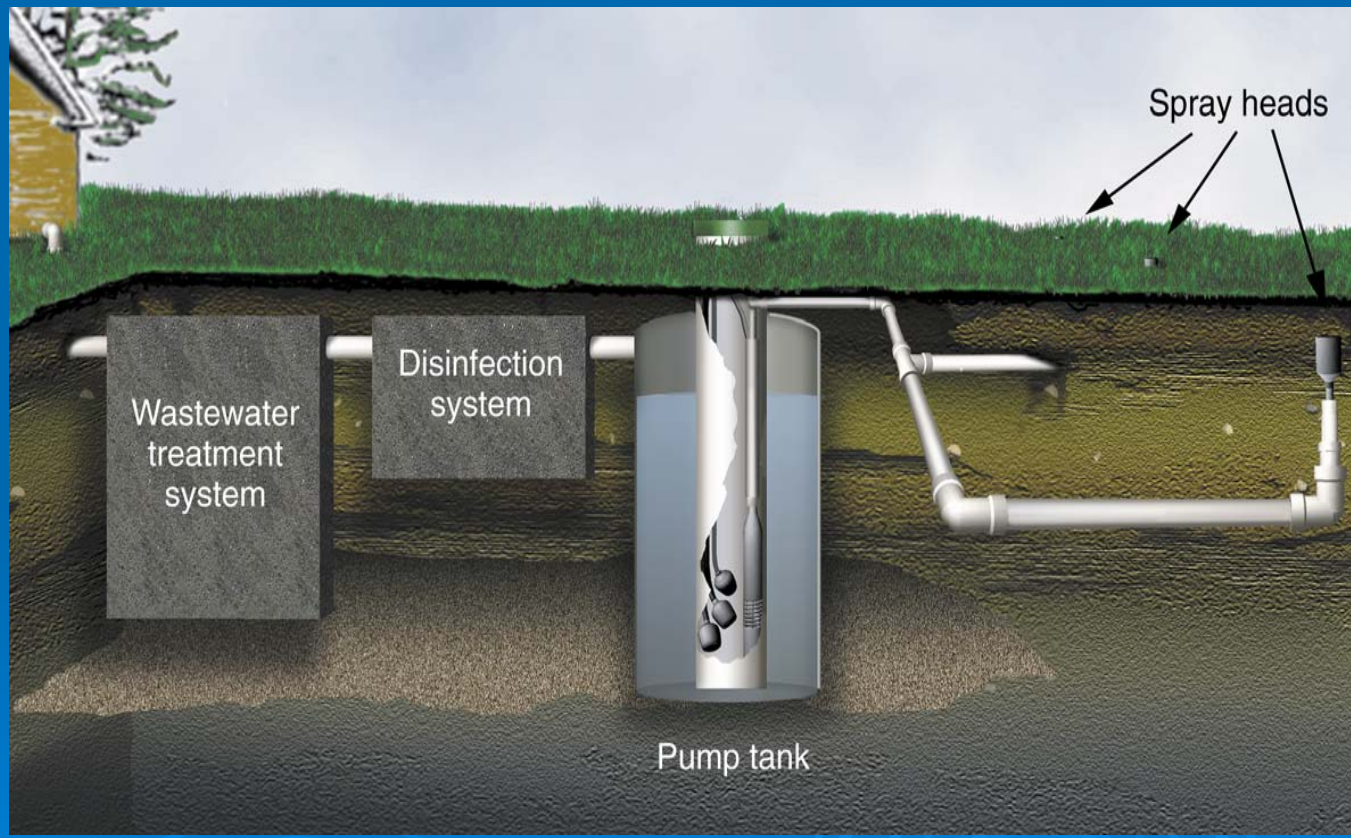
System Components

- Pump Tanks
- Disinfection
- Controls
- Pumps
- Supply lines
- Distribution heads

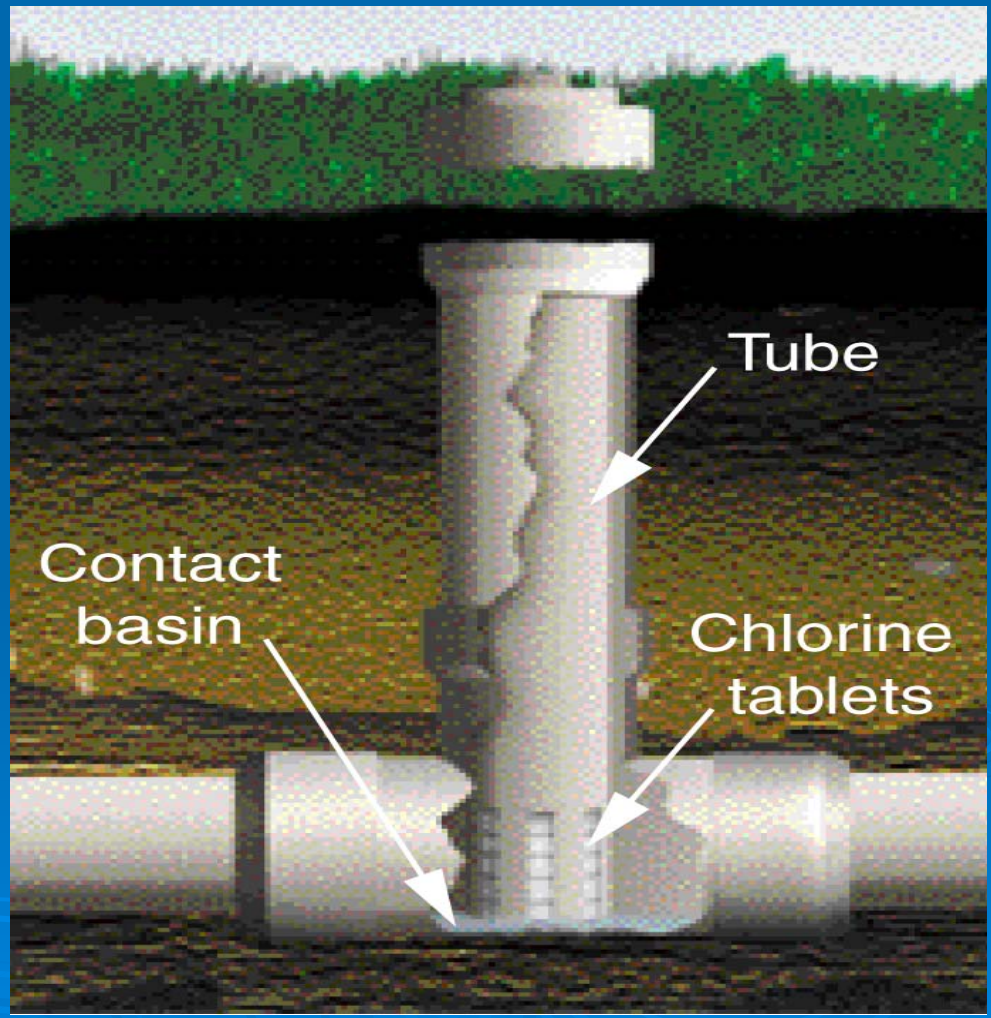


Pump Tank / Storage for Spray System

- High head pump
- Water level sensors

Disinfection

- Pathogen removal
- Disinfection method
  - Chlorination
  - Ultraviolet light
  - Ozonation
- Contact time
- Dose



Spray Control System

- On-demand system
- Manual operation
- Timer controller
- Logic controls
- Monitoring

Pumps

- Pump selection
  - Self priming
  - Centrifugal
  - Pressure/flow dependent
- Single / Multiple
  - System (Simplex/Duplex)
  - Operation
- Electrical requirement

Supply System

- Main line
- Manifolds
- Laterals
- Risers
- Air relief
- Pressure relief - Water hammer

Distribution Heads

- Flow rate
- Distance of Throw
- Droplet Size
- Types
  - Impact
  - Rotors
  - Spray
  - Micro-spray
  - Big Guns