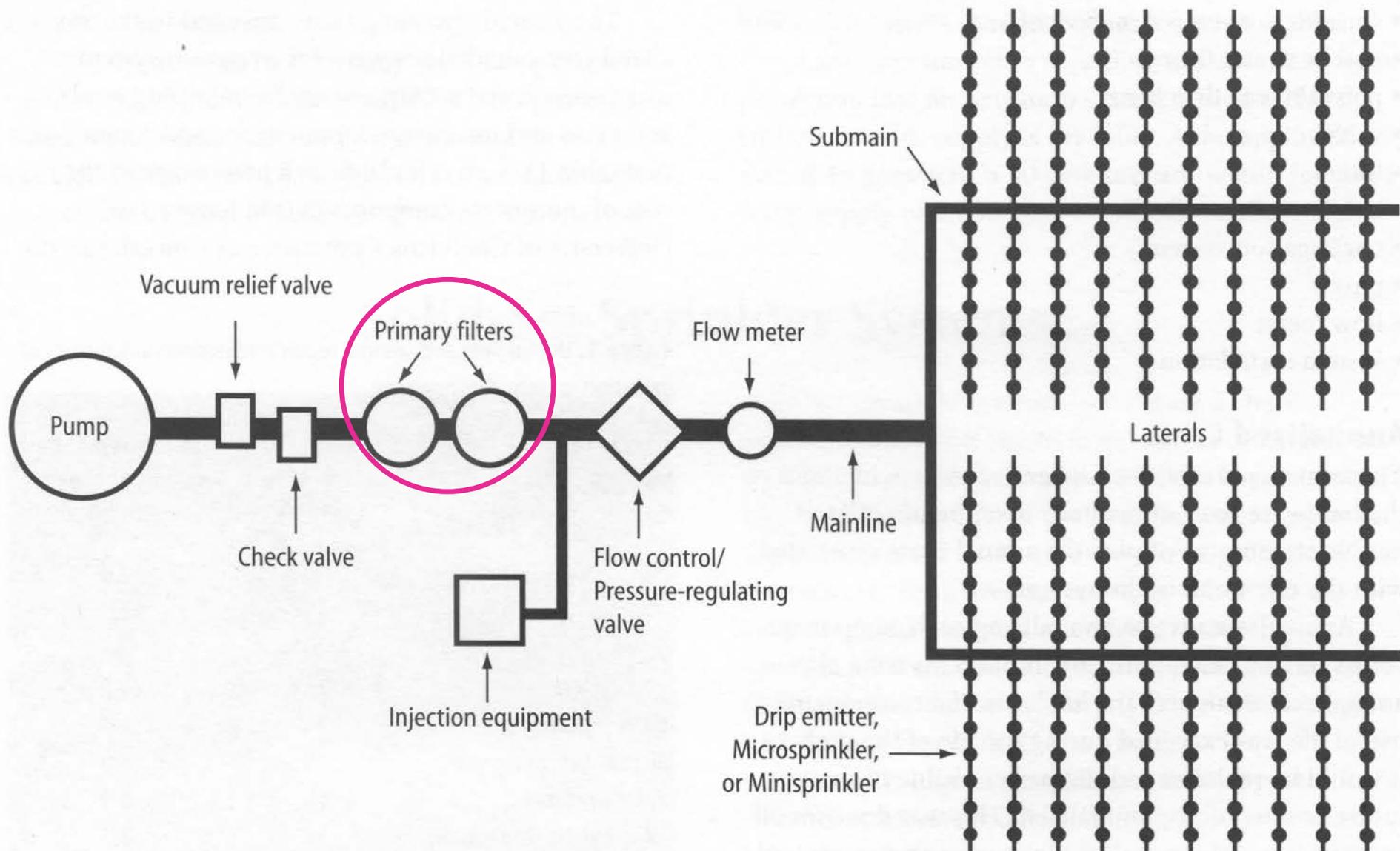


# Living With Water Limitations

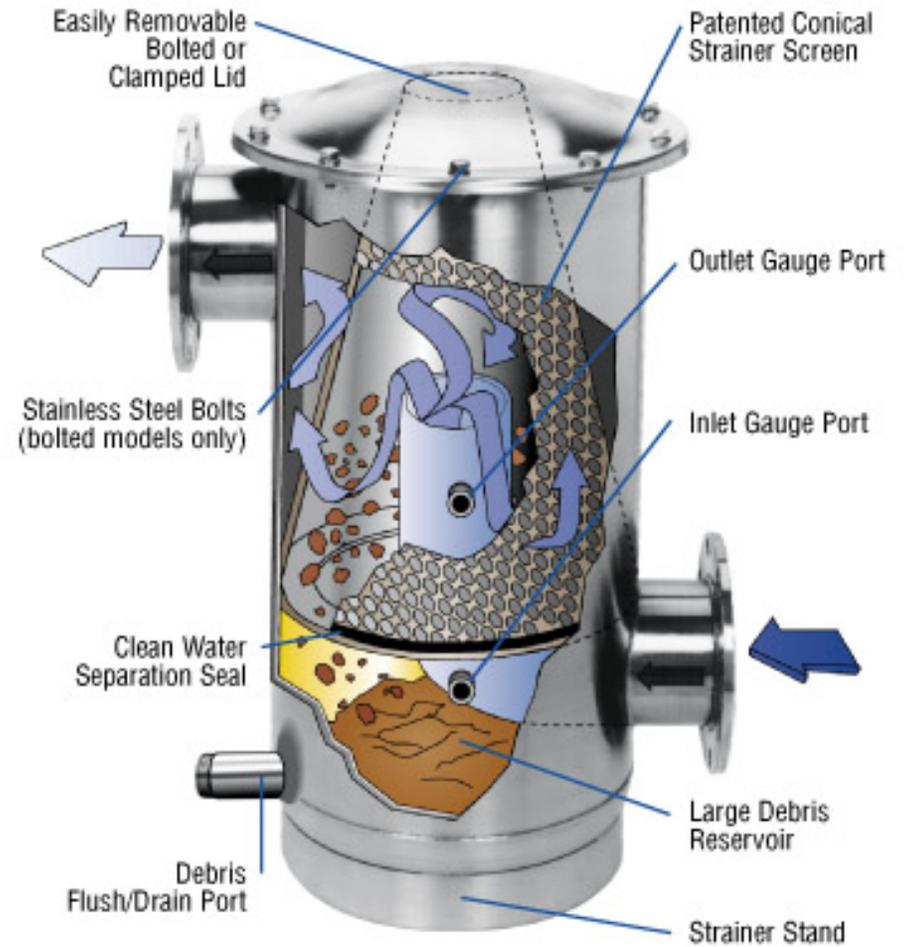
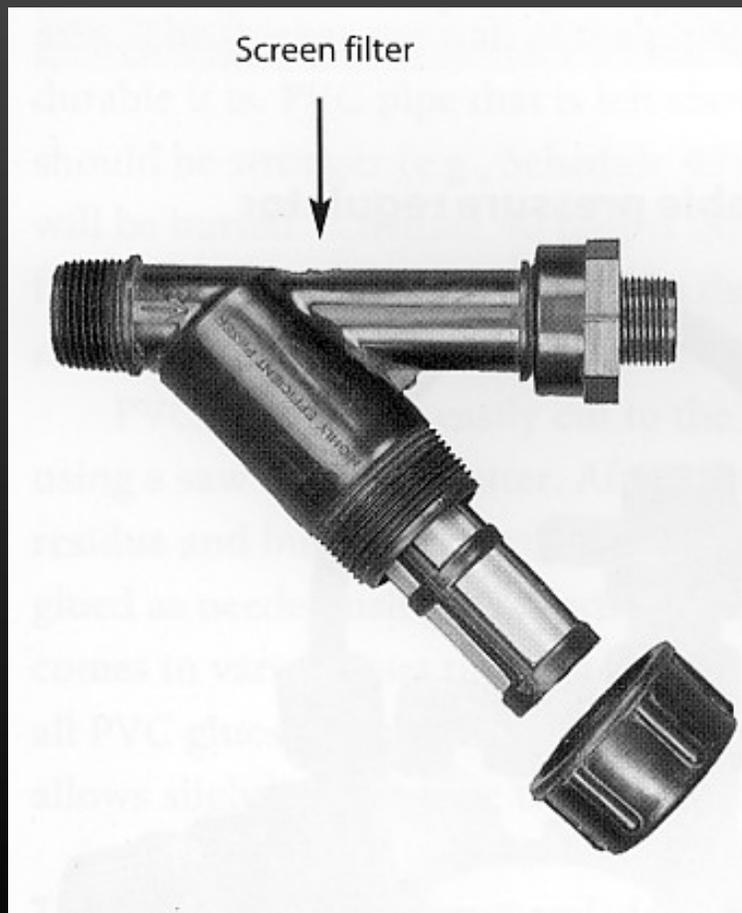




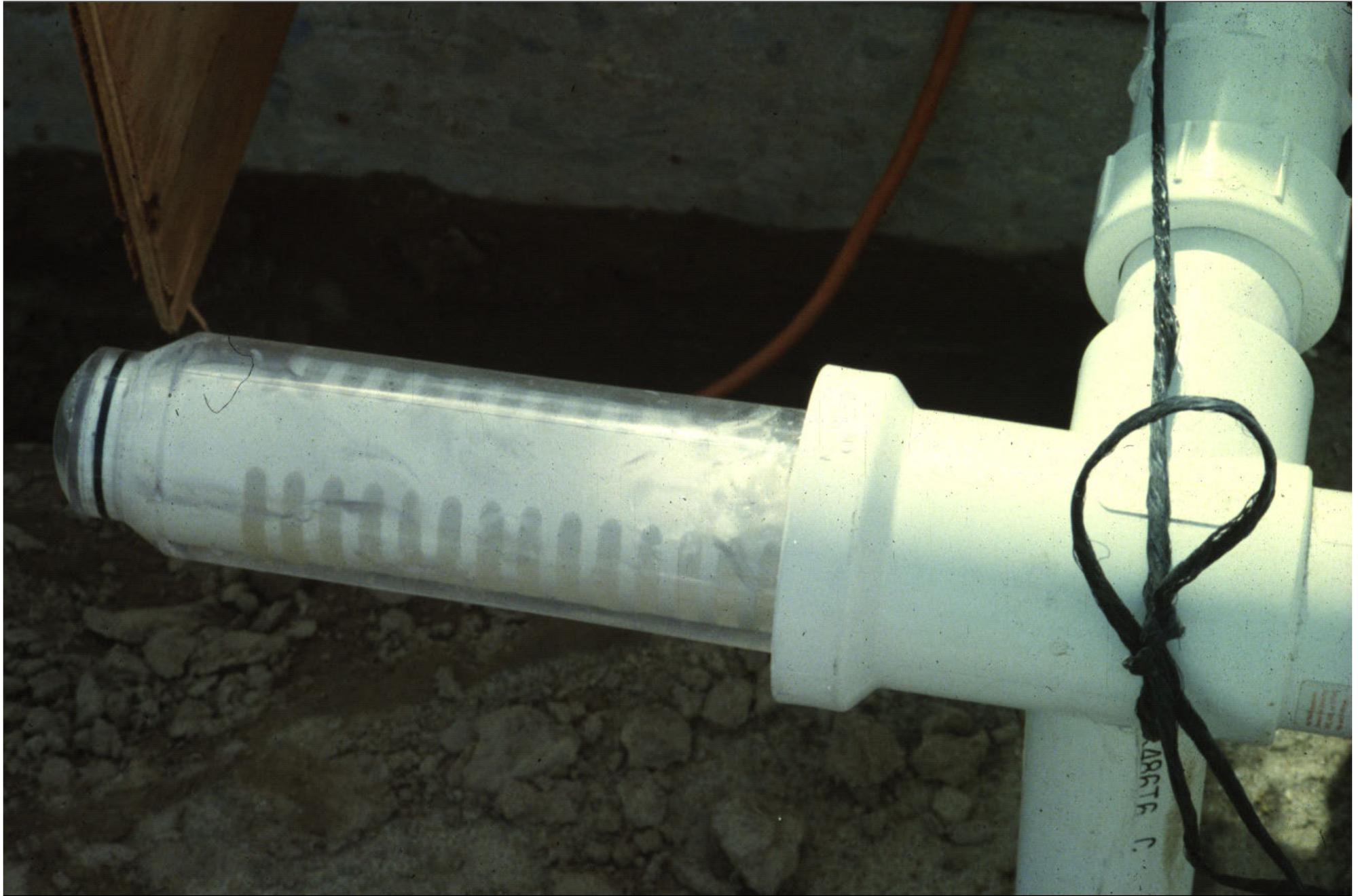
# Filters:

- **Screen, disk, and sand media filters are all available.**
- **They can all filter to the same degree**  
**BUT**  
**they req. different frequency of cleaning.**

# Screen Filters

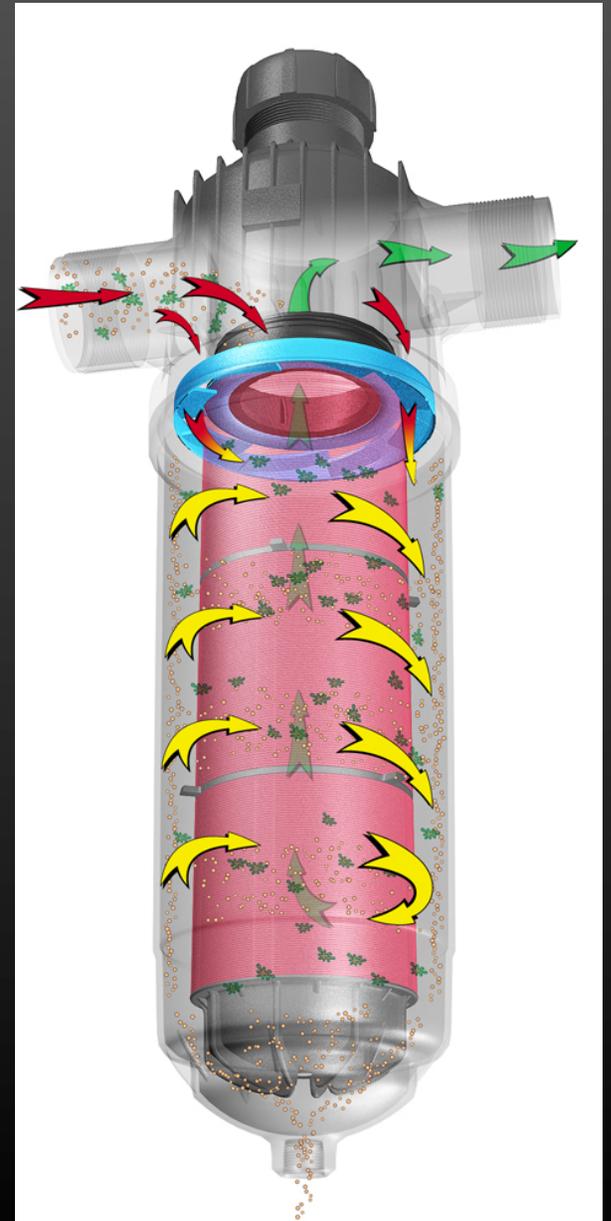
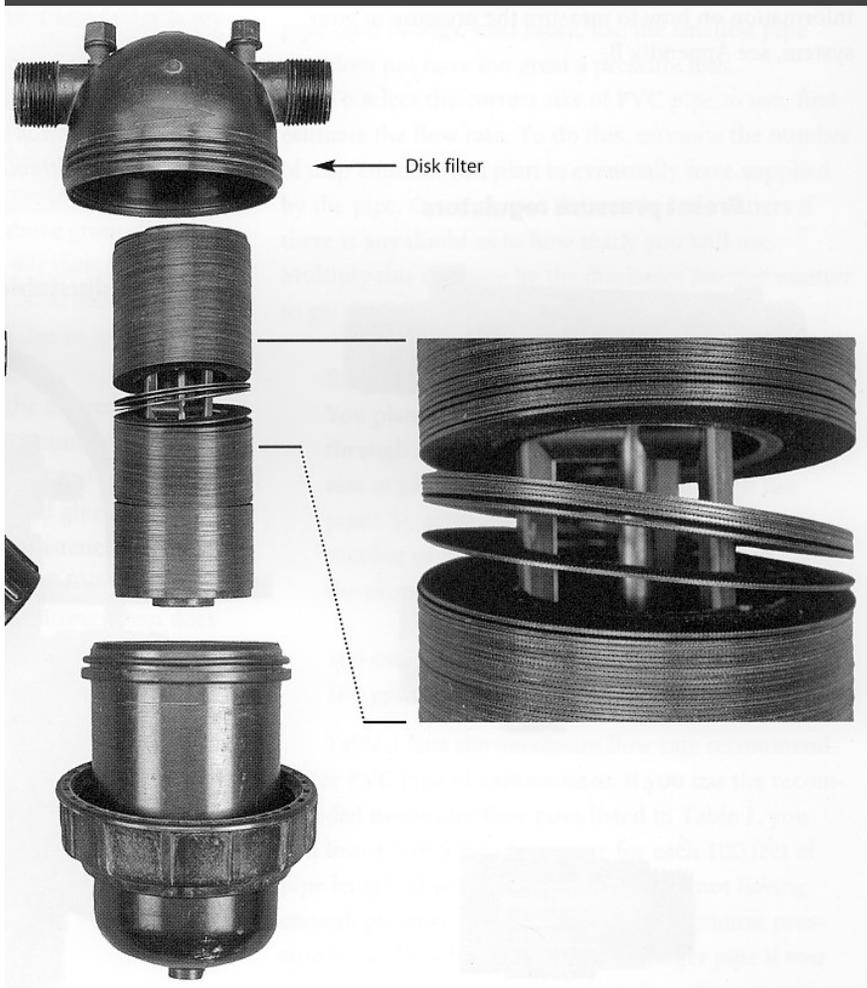


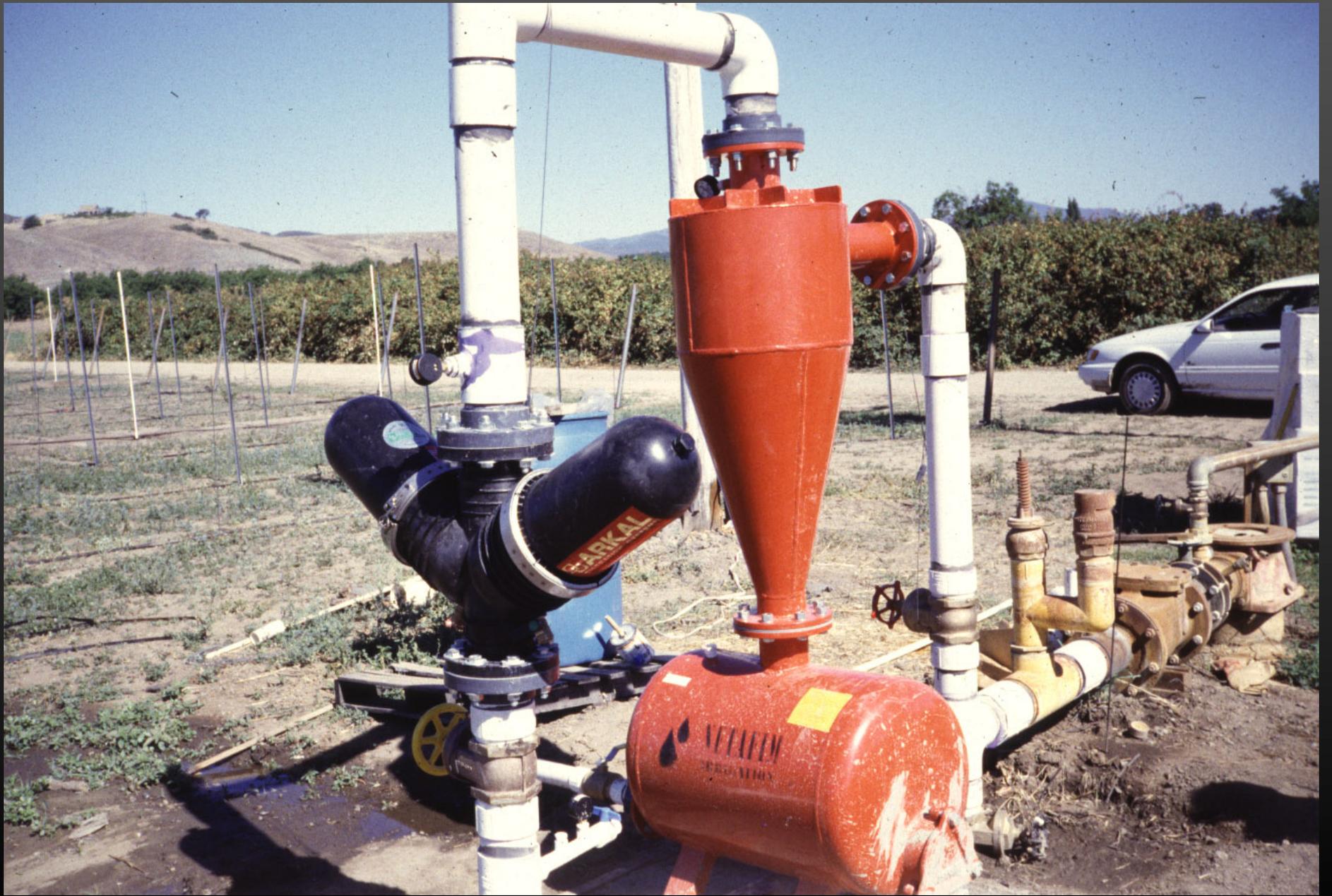




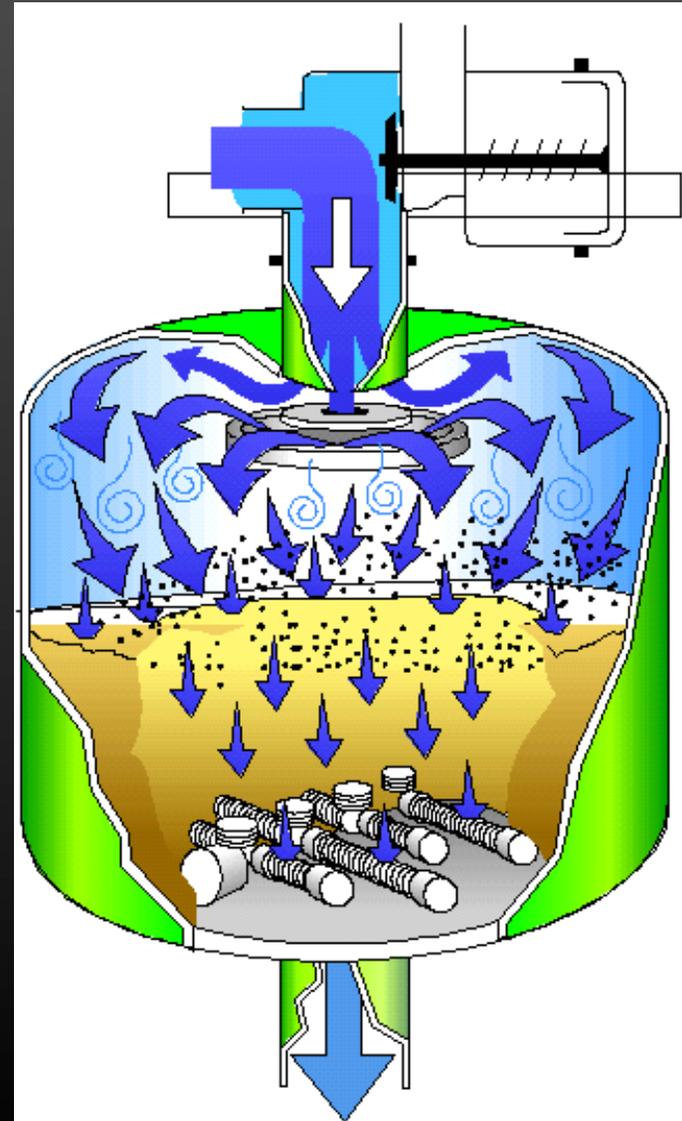


# Disk Filters

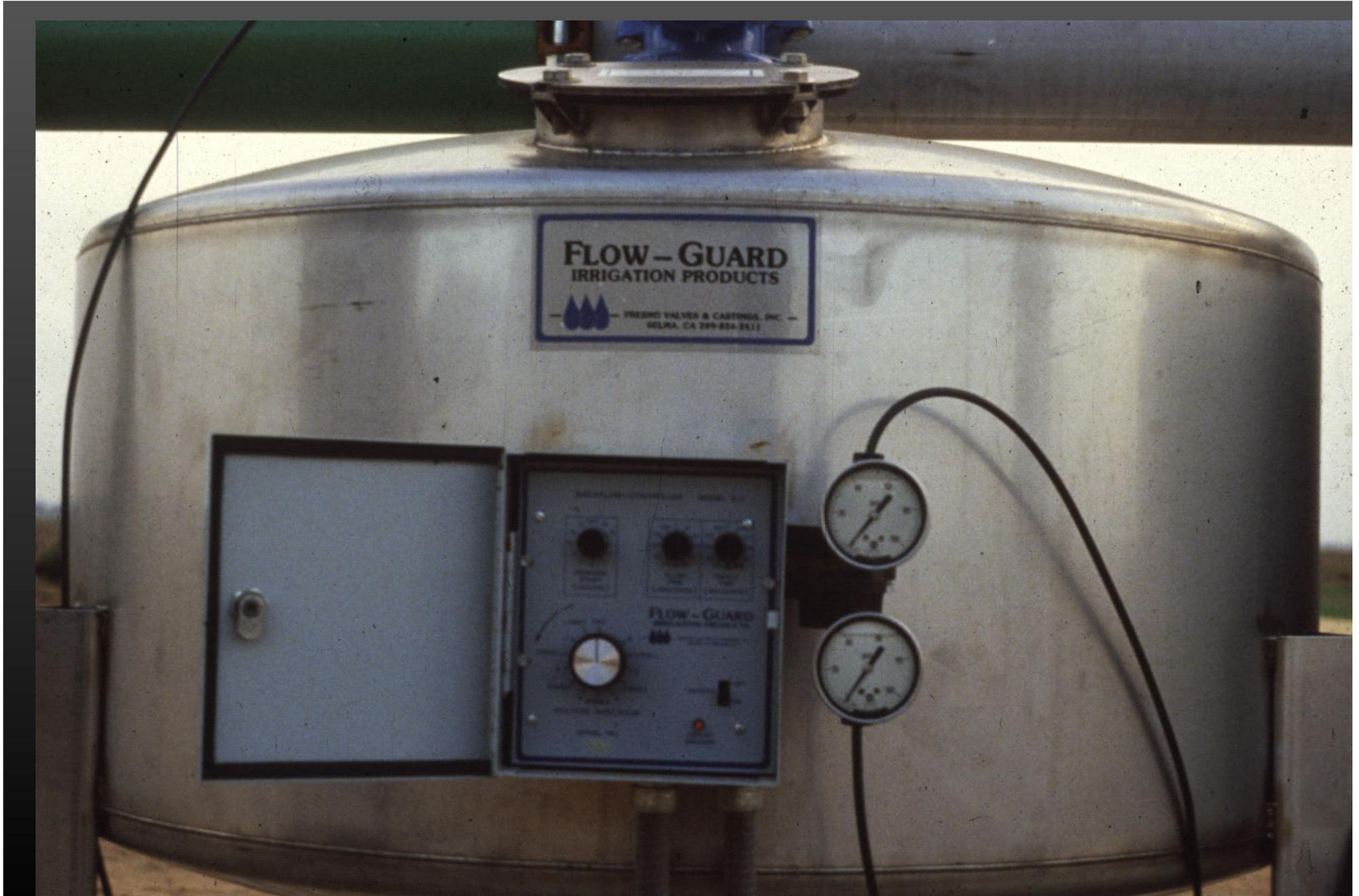




# Sand Media Filters:







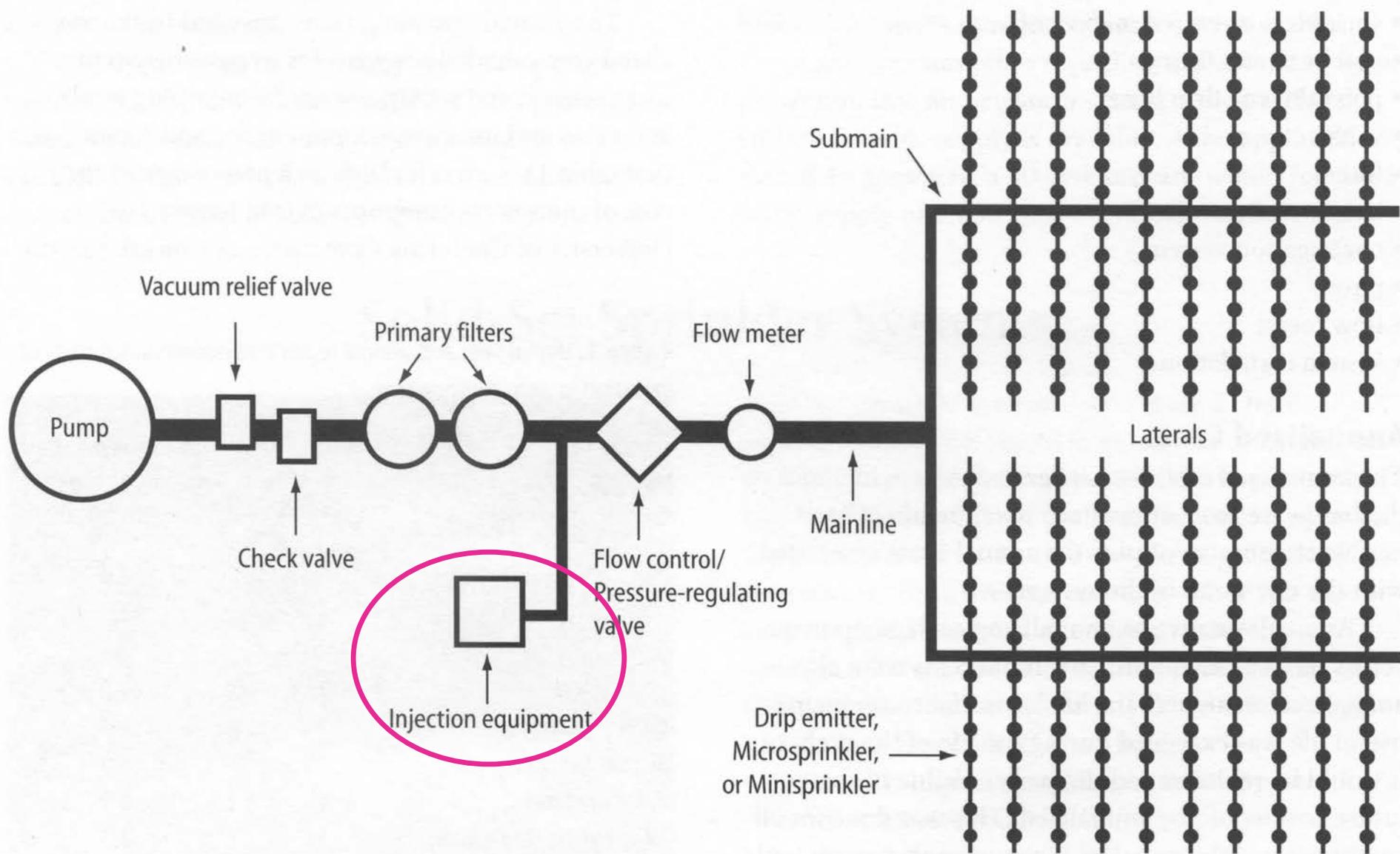
**FLOW-GUARD**  
IRRIGATION PRODUCTS



PRESINO VALVES & CASTINGS, INC.  
DELMA, CA 95014-2511

MULTIFLOW CONTROLLER MODEL 9-11

**FLOW-GUARD**  
IRRIGATION PRODUCTS



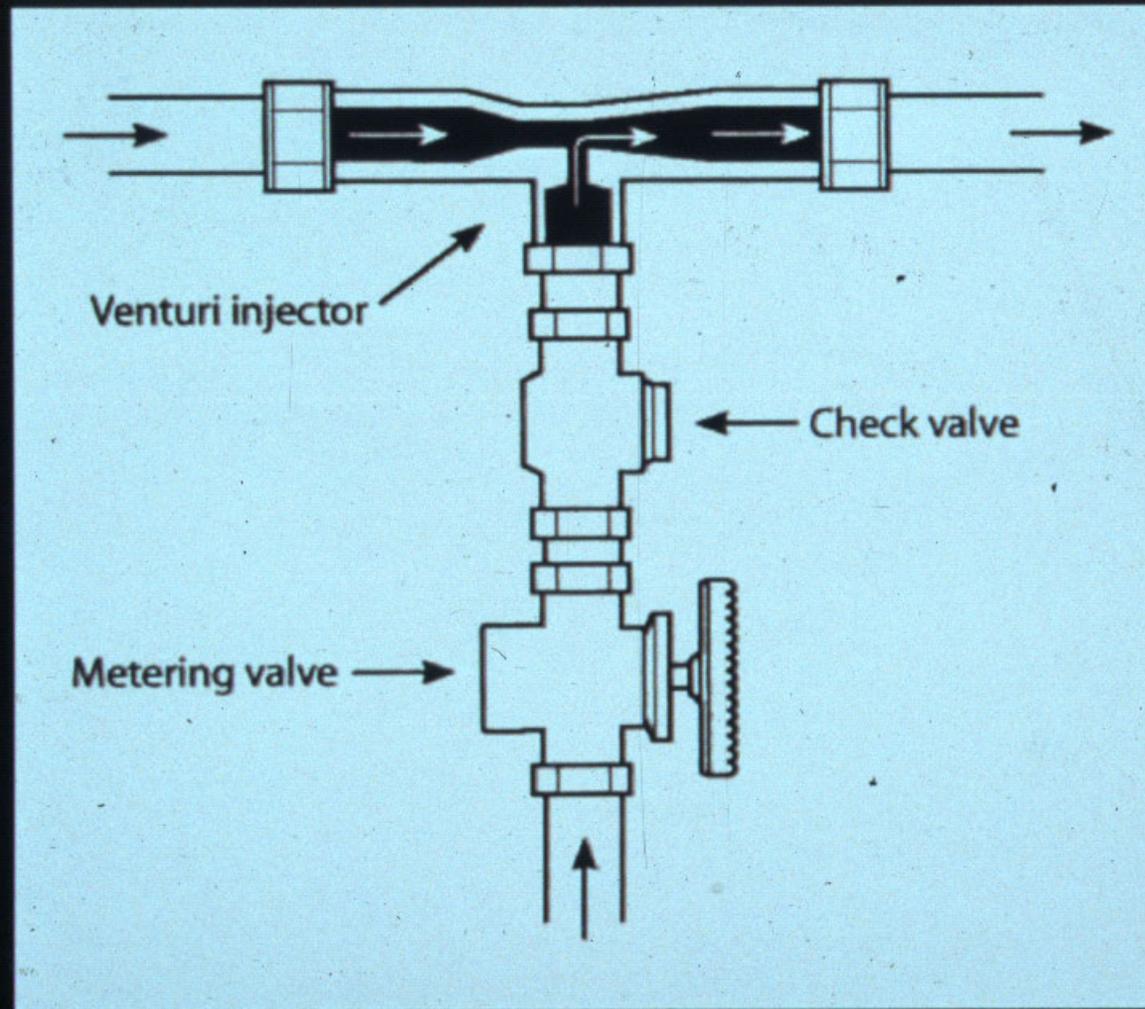
# **Injectors:**

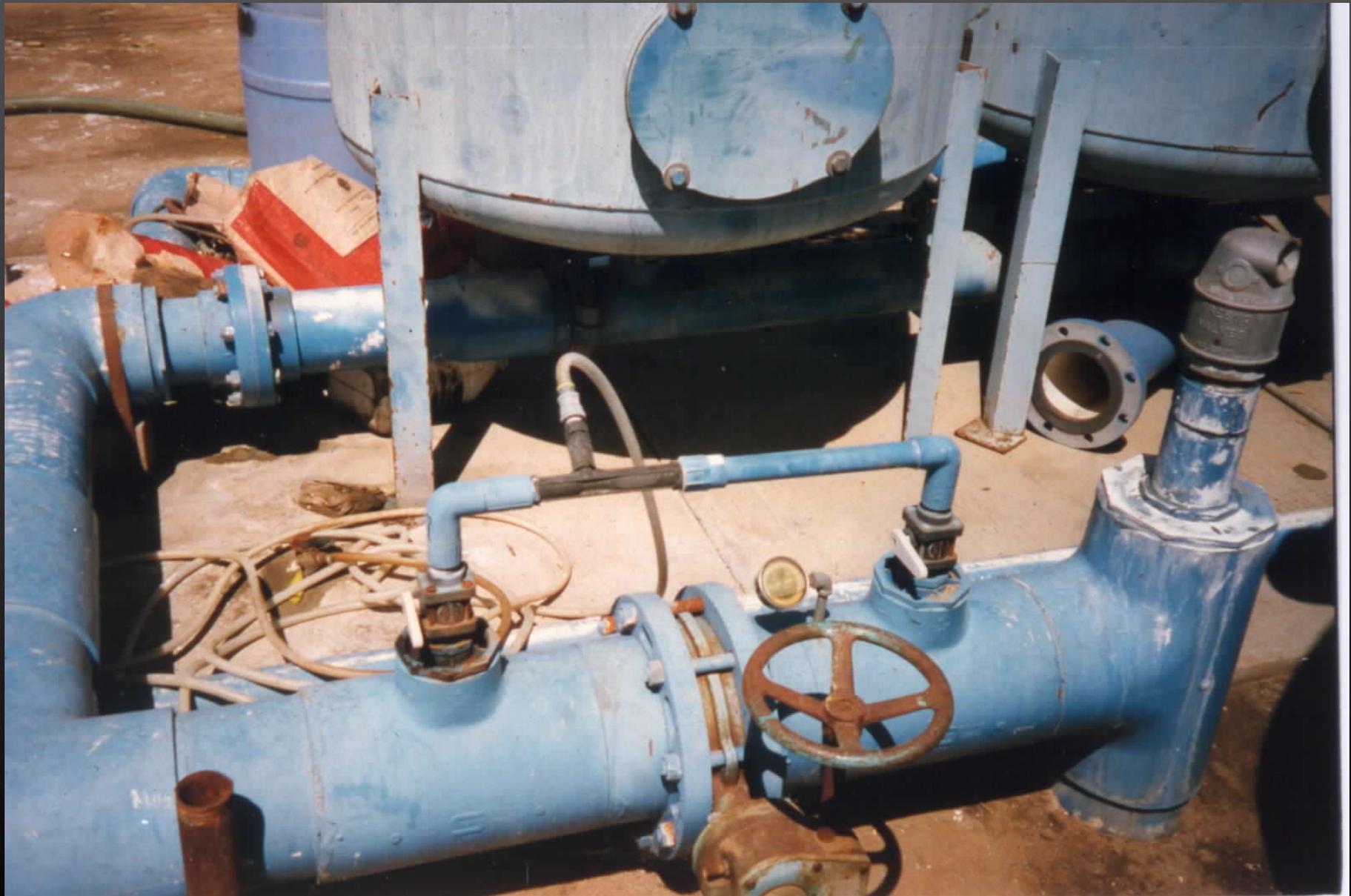
**Inject chemicals, fertilizers, gypsum, etc.**

# Injectors:

- Different injectors may be reqd. for various uses.
  - Chemicals such as chlorine may req. a small injector (e.g. < 15 gph).
  - Fertilizers may req. a small pump (e.g. small gpm).
  - Gypsum, dry chemicals, etc. may require a solutionizer machine.

# Venturi Injector



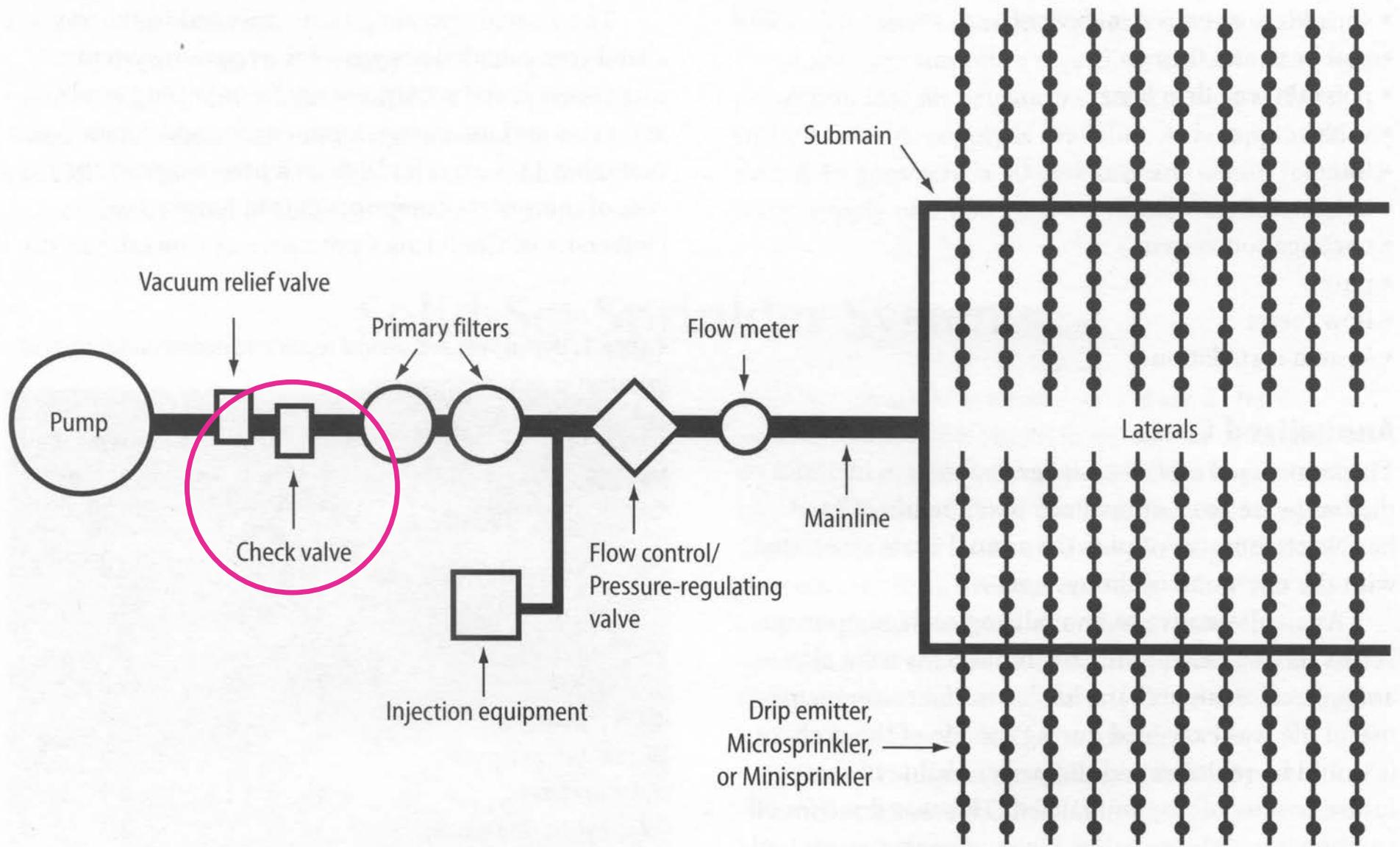


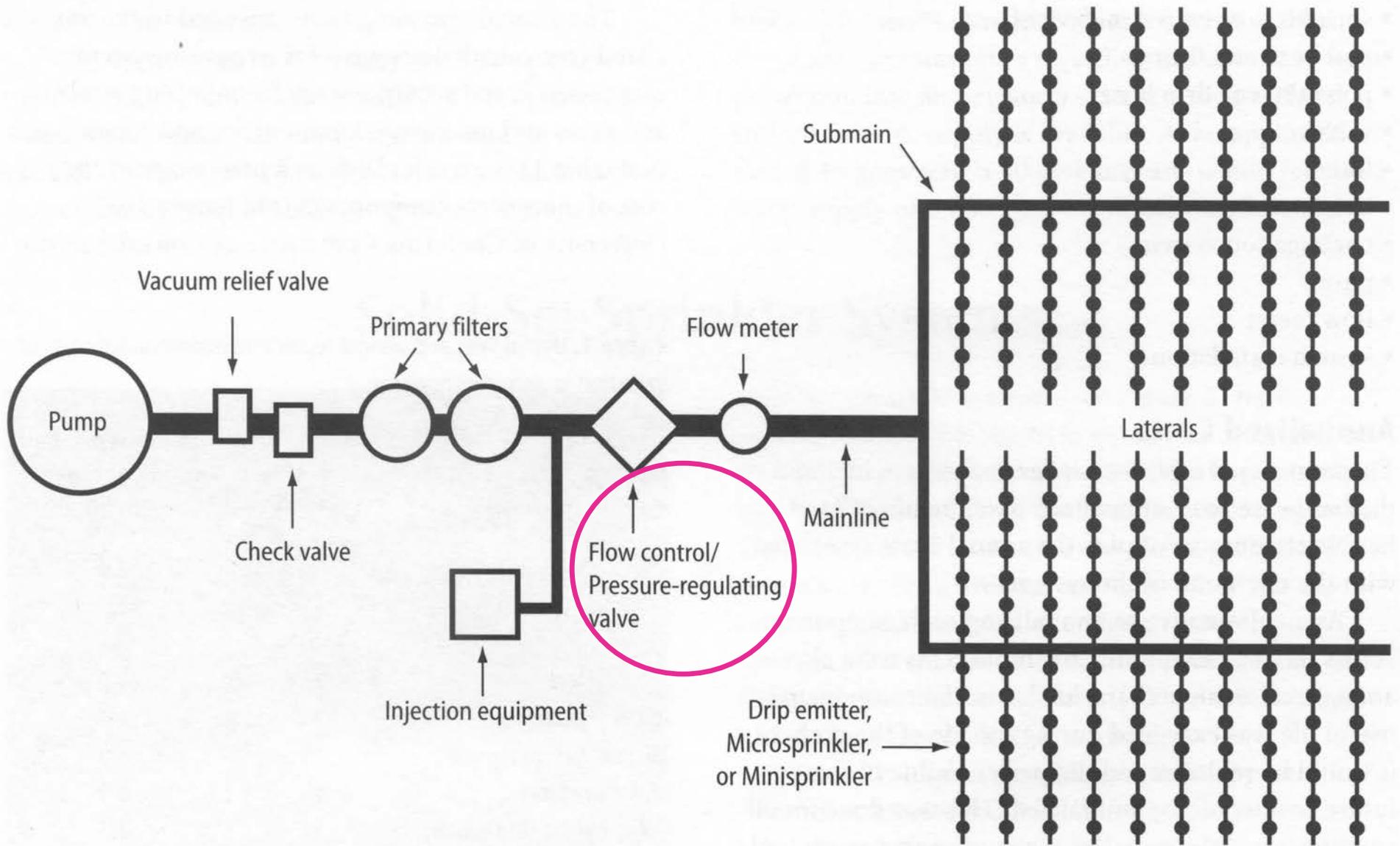












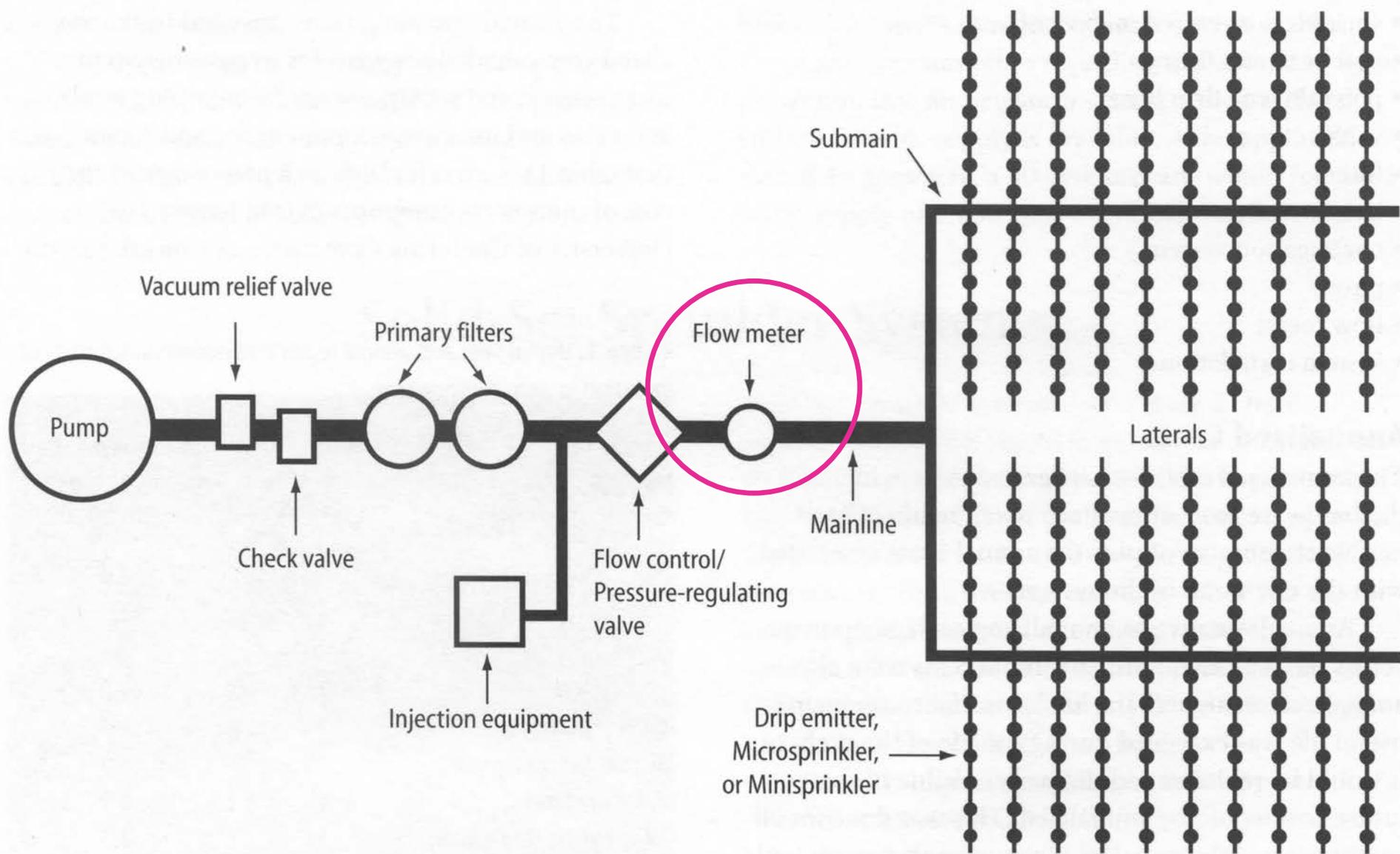
# Pressure regulation



# Pressure regulator:

- Maintains pressure at desired level.
- Particularly important where have significant elevation changes.

**2.31 ft. of elev. change = 1 psi**



# **Flow meter:**

**Important for both irrigation scheduling  
and for maintenance.**





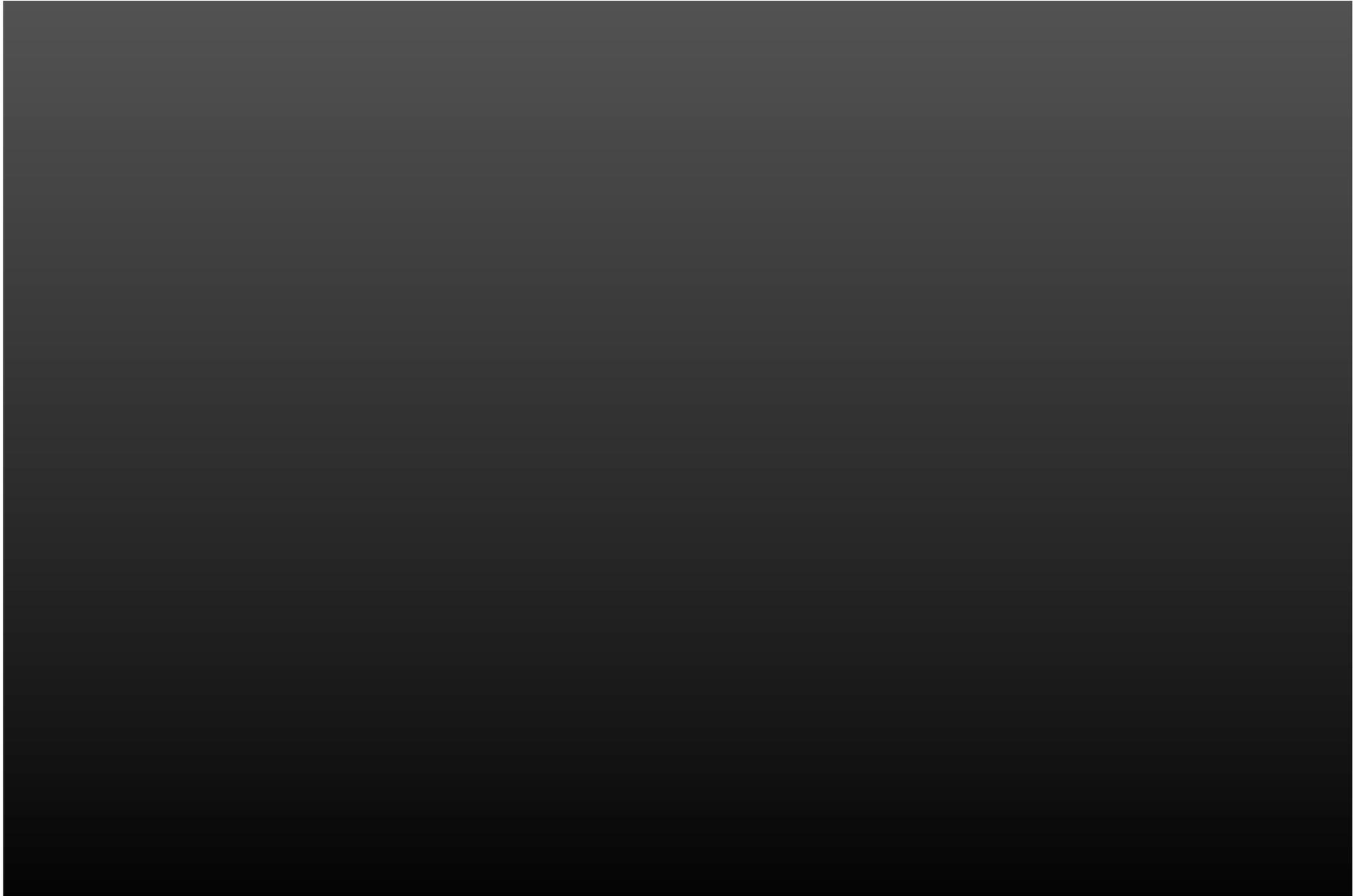
# Questions???

Larry Schwankl

559-646-6569

[schwankl@uckac.edu](mailto:schwankl@uckac.edu)

<http://schwankl.uckac.edu>



# Emitters:

- Usually 0.5 or 1 gph emitters used.



# Emitters:

“Punch-in”, in-line, or “built-in” emitters all available - all good.

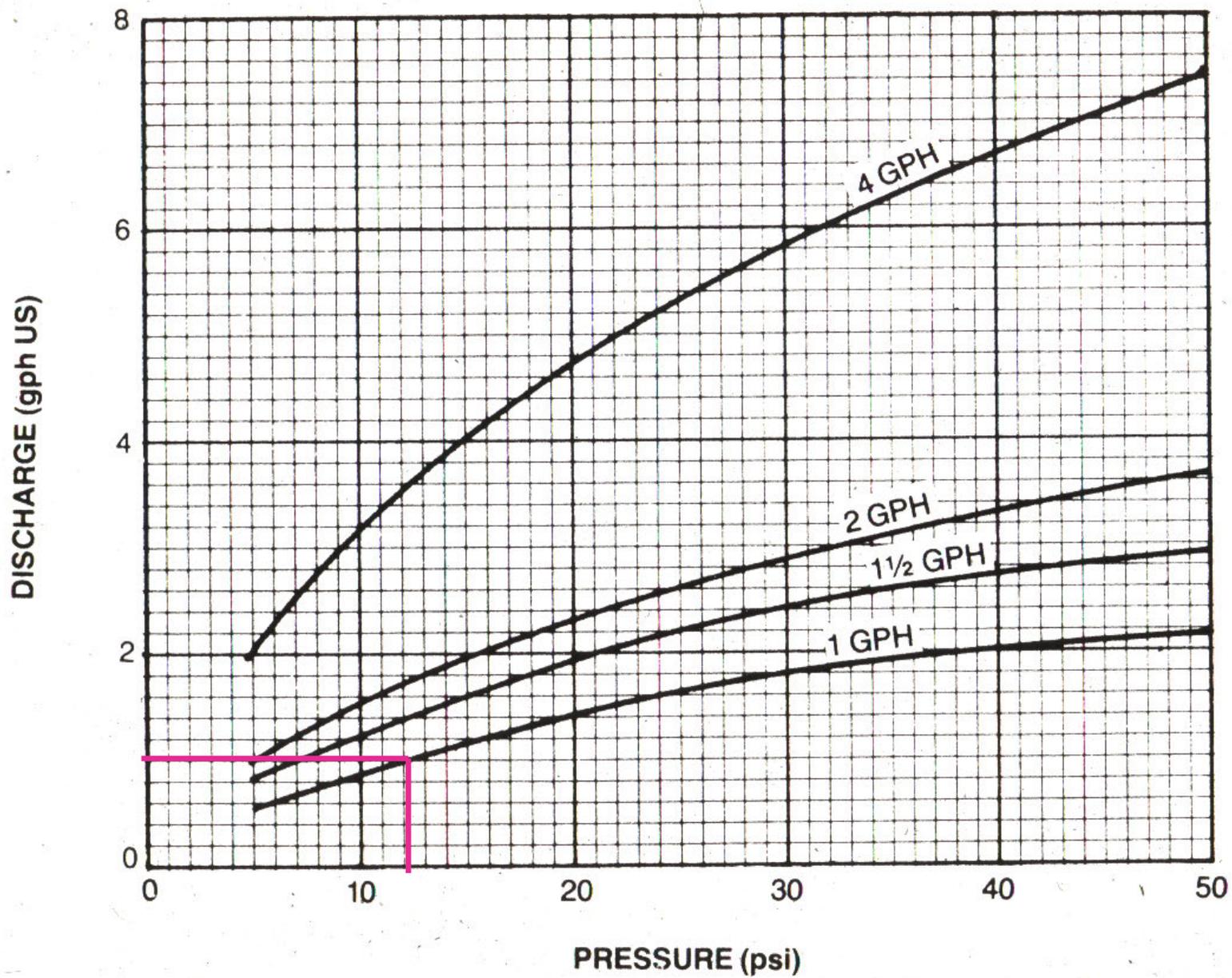


# Emitters:

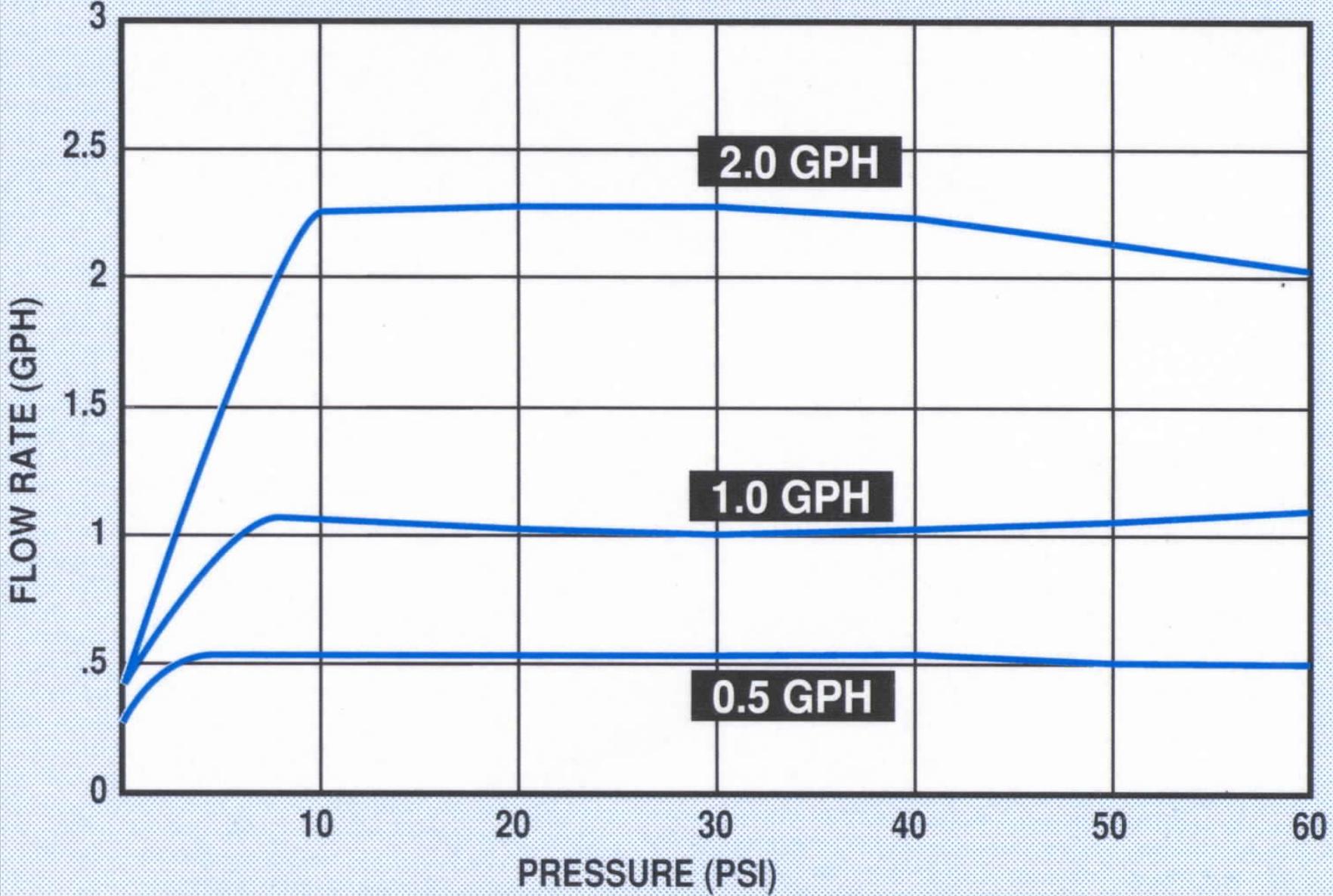
- **Pressure-compensating emitters are available.**
  - Particularly good where you have significant elevation changes.

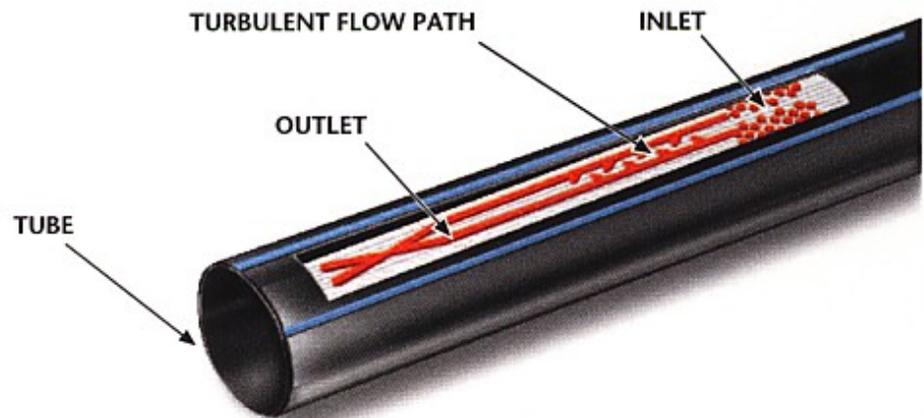


**2.31 ft. of elevation change = 1 psi**



# PC FLOW RATE vs PRESSURE





# Questions???

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