

# How Do I Water for Less Time?

## 2 Possible Solutions:

1. Buy emitters that have a larger flow rate.
2. Add more emitters to the system to increase flow rate.



# Pumps! Pumps! Pumps!

## Surface Pumps

Portable, high capacity, many available—gas, diesel, and electric

Cannot draw water from deep; most pump too much water for most small drip systems

Designed to pump from rivers, ponds or irrigation districts



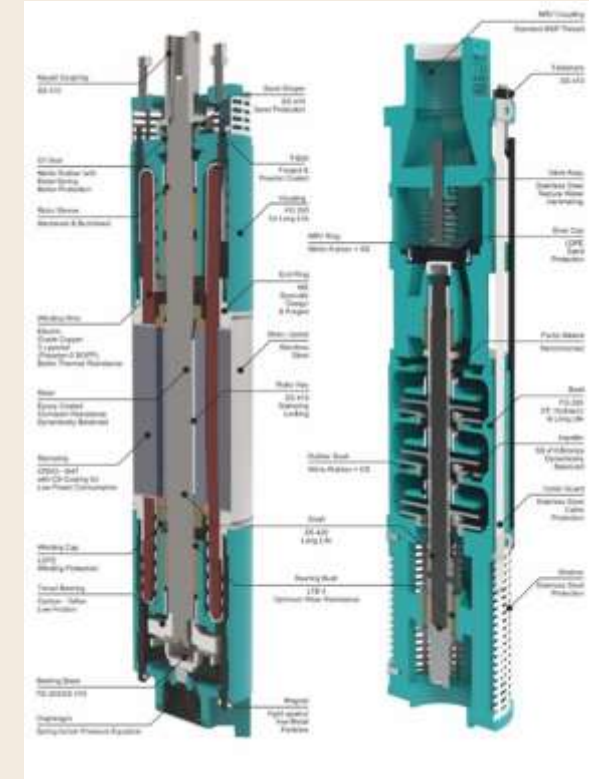
## Submersible Pumps

## Lower flow rate

## Able to pump from any depth

## Need electricity source

## Only made for wells

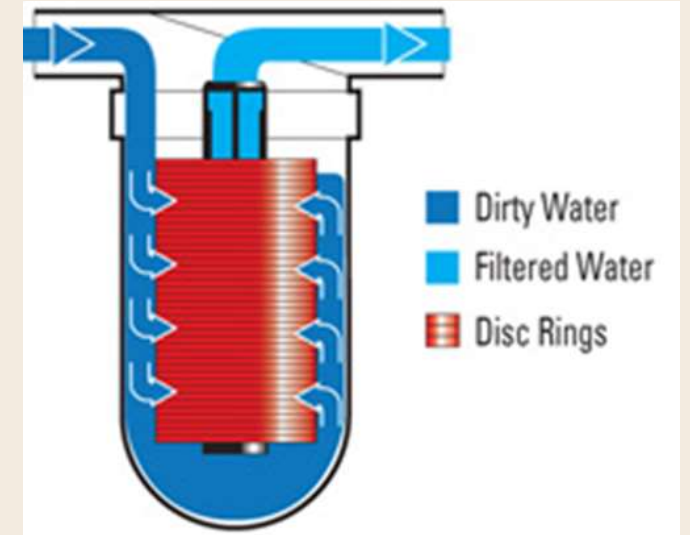


# Filtration/Water Quality

Even if water looks clear, it has tiny particles in it that can clog drip tape

There are many different kinds of filters:

- Sand media
- Disc
- Screen
- Autoflush



# Examples of Filters



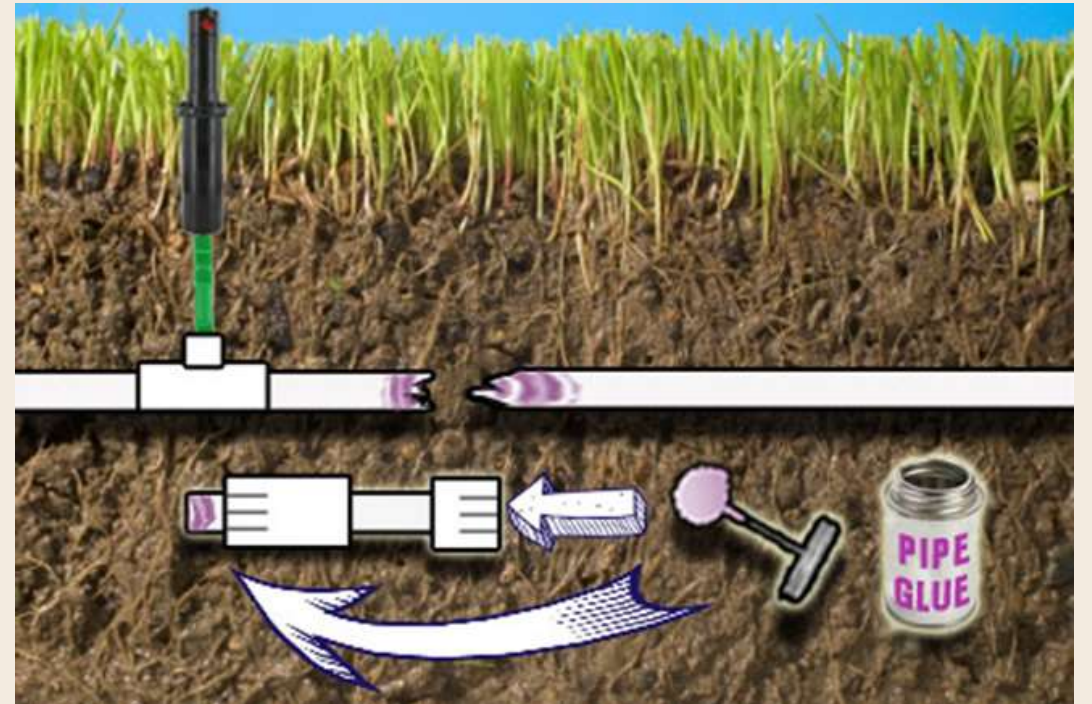
# Weekly Scheduling

	Mon	Tues	Wedns	Thurs	Fri	Sat	Sun
Field 1	x/12-3pm			x			x
Field 2		x			x		
Field 3	x/8-11am			x			x
Field 4	x/4-7pm			x			x
Field 5		x	x		x		x



# Maintenance

- Keep filter clean
- Fix leaks in T-Tape
- Keep dirt out of underground PVC and headers



# Conclusion

- **Step 1: Measure Flow**
- **Step 2: Test Water**
- **Step 3: Design System/Install System**
- **Step 4: Create Schedule**
- **Step 5: Maintain System**





# Questions?

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