



# REUSING GREYWATER

- Greywater is water that has already been used (ie- bathwater) that can be reused in new ways!
- It is beneficial because:
  - It conserves water!
  - It saves you money on your water bills
  - Less water goes into sewer system, which lowers the likelihood of contaminating water sources
  - It is relatively inexpensive



## Greywater includes water from:

- Washing your hands
- Showering
- Doing the laundry



## Greywater can be used for:

Watering plants (as long as the proper kinds of soaps/detergents are used)

## Greywater does not include:

- Toilet water
- Dishwater



- In fact, greywater can provide nutrients that help plants grow better than when watered with regular water

## Use soaps that are:

- Biodegradable
- Non-toxic

## Avoid Soaps With:

- Chlorine Bleach (Hydrogen Peroxide Bleaches can be used instead)
- Soaps that change the pH of water
  - Ex: Bar soaps may make the water basic, which will prevent plants that like acidic water (ie-blueberries) from growing
- Borax
- Sodium



## Different greywater systems include:

### Using a Bucket

- Simply collect excess water in a bucket (ie- while waiting for your shower water to heat up) and use this to water your plants or flush your toilet

### Greywater Diversion Device

- This uses a pipe to direct water from your shower or washing machine into a dripline that irrigates your garden.
  - Gravity-based system: The pipe directly connects to your irrigation system - this can be used if the inlet of the pipe is a couple meters higher than the area being watered
  - Pumped system: This includes a pump to distribute the water, as well as a surge tank for excess greywater inflows, a form of filtration, and an irrigation system

### Greywater Treatment System

- This further filters your water so it can be used to flush your toilet, do your laundry, and wash your car. However, this system may require a permit.

(For more information, visit: <https://watercraftwa.com.au/greywater-systems/types-of-greywater-system/> )



## Other Considerations:

- Use a 3-way-valve to divert water to either your greywater system or the sewer system
- Store greywater for no more than 24hrs to prevent odor
- Make sure greywater does not directly come into contact with humans or animals in case it contains pathogens from feces
- Let greywater sink into the ground and not pool up, as this may attract mosquitos