



Karachi Water Partnership

An Initiative of Hisaar Foundation

KWP GUIDELINES

GUIDELINE # 2: CONSERVING WATER IN HOMES

How Water is Wasted in Homes

Particulars	Liters per day (estimate)
Leaky Plumbing Joints	90
Leaking Taps (One Drop / Second)	25
Toilet leaks	60
Using full tank when flushing	45
Water running while brushing teeth	13
Shower kept running till hot	35
Long showers	10
Leaving water running while washing dishes	50
Washing car with hose pipe	180
Defrosting Meat and Vegetables under Tap	15

How to Conserve Water in Bathrooms

- Close all taps tightly after use
- Close tap when lathering, brushing teeth, water hands etc and use glass to rinse mouth
- Fix all leaking taps as soon as possible
- Have shorter showers and collect cold water in a bucket while waiting for shower water to turn warm
- Put brick or bottle filled with water in the flush tank (displacing water in this manner leaves less water in the tank or flush)
- Use full flush tank only when really necessary
- Check leaks by putting dye or colour in the tank (if water in toilet bowl gets coloured there is some leakage)

How to Conserve Water in Kitchen/Laundry

- Wash utensils in two sinks rather than directly under the tap. Fill one for soaking and the other for rinsing
- If only one sink then use a plastic basin for soaking
- Do not keep tap running while washing
- Do not use too much detergent which will require more water for rinsing
- Wash clothes by hand when feasible and do not keep tap running when rinsing clothes
- When using a washing machine put in a full load
- Use washing machine on 'wash only' option and rinse by hand
- Defrost meat by taking out from freezer well before use and do not defrost in running water under tap

How to Conserve Water in Garden/Yard

- Use hand held watering can or spray and do not use hose pipe. If hose has to be used attach small sprinkler with an on-off manual button at the watering end of the hose pipe
- Water garden in morning or evening, when it is cooler and water more easily absorbed
- Water plants at roots and do not over water plants
- Checks for leaks in hose pipe and taps
- Clean car with a wet cloth using only a little water in a bucket or wipe car with wet cloth
- Do not wash car with water hose pipe
- Harvest water from the atmosphere through the cooling action of air conditioners
- Do not let this water fall on concrete floors or yards and evaporate back into the atmosphere
- Harvest this water by putting one end of a plastic pipe in the air conditioner's discharge vent and the other in a jerry can or bucket and use this water for household purposes or in the garden
- Do not use the suction pump as it deprives your neighbor's rights
- Please install valve at entry point of your underground tank water supply line so that overflow of water from the tank can be stopped.

Maintenance and Repairs

- Replace old rusting water and sewerage pipes (connecting the street line with house) with PE pipes
- When building a new house use PE pipes
- Install a P-trap for sanitation and replace or repair if it has been there for more than 10 years

For further details please visit

Web Site: www.karachewaterpartnership.org