



# UNINTENTIONAL WASTAGE OF WATER

Activity	Method Adopted	Qty. Used Ltr.	Method to be Adopted	Qty. Required Ltr.	Qty. Saved Ltr.
Brushing Teeth	Running tap for 5 min	45	Tumbler or glass	0.5	44.5
Washing Hands	Running tap for 2 min	18	Half filled wash basin	2.0	16.0
Shaving	Running tap for 2 min	18	Shaving mug	0.25	17.75
Shower	Letting Shower run while soaping. Staying under shower too long	90	Wet down, tap off, soap up, rinse off	20.00	70.00
Flushing Toilet	Using old fashioned large capacity cistern	13.5 or more	Dual system short flush liquid waste, full flush Solid waste	4.5 9.0	4.5 or more
Watering Plants	Running hose for 5 minutes	120	Water can	5.0	115.00
Washing Floor	Running hose for 5 minutes	200	Mop and bucket	18.0	182.00
Washing Car	Running hose for 10 minutes	400	Buckets (Two)	18.0	382.00



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# ECO-EDUCATION KIT

## Welcomenviron Water Management Strategy

The key in our strategy is **Sensitisation / Conservation / Water Table Enhancement**.

**Sensitisation:** Through children- they are best carrier / disseminators of knowledge hand over water conservation pamphlet, beam message through CCTV operator.

**Conservation:** No/low/high cost strategy.

**No Cost:** Close half/three fourth valve below the wash basin.  
Fill mineral water bottle with water, cap it and put inside the w/c.  
This action alone will save 6000 litres p.a. per family.

**If all the suggestions of this pamphlet are followed,  
50% of current water usage can be saved per day approximately.**

**Low Cost:**

- Insert shower like device in the mouth of the water hose-to retard flow.
- Invest in sprinkler system—current watering practice is highly water intensive/wasteful.
- Water meter for every house.

**High Cost:** Install ETP PLANT (for large housing complexes) for treating water so that it can be utilised for horticulture purpose. Many industries are already following this practice.  
Look at options whereby treated water is used for:  
**Flushing / Gardening / Other Non-consumptive purpose.**

**Water Harvesting:** The options:

- Well for each building or a cluster harvesting approach.
- Well for each town house.
- Water flowing into the storm drain transferred into a holding tank and then to an open well (as done by many organisations in Delhi).

**Xeriscape:** This is a form of landscaping where a number of plants, cacti is used which is not water thirsty to have a green cover, thereby reduce water consumption **DRASTICALLY**.

**External Strategy:** Once we have started implementing above **SUGGESTED ACTIONS**, We need to reach out to the communities around us in order to create **SUSTAINABLE PRACTICES** for common advantage.

**Water experts:** DELHI JAL BOARD  
CENTRE FOR SCIENCE & ENVIRONMENT – DELHI

**WATER SAVED  
POWER SAVED**