

Lesson #9: Personal Water Inventory

Track your water use for four days and record the number of times per day that you do each of the following tasks. You will need to determine what type of appliances you have and if you have any water saving devices in your home. Where you do not know this information, assume standard appliances and no water saving devices. Tally the number of uses per day and use this information to calculate your total water use per day. After four days, calculate your average water use per day.

Day One: _____

| Type of Use | Efficiency of use (Circle the appropriate use) | # of uses per day | Amount of water per use | Calculation (# of uses per day x amount per use in L) | Total amount of water used per day |
|--|---|-------------------|-------------------------|---|------------------------------------|
| Toilet flush | Standard Toilet pre 1992: 13.2 litres per flush Ultra Low Flush (ULF): 6 litres per flush Dual Flush: ~4 litres per flush | | | | |
| Shower | Standard Showerhead pre-1992: 13.2 lpm Showerhead post-1992: 9.5 lpm Low flow Showerhead: 5.7 lpm | | | | |
| Tub Bath | Average Bath: 114 litres per bath | | | | |
| Hand washing (lasts ~15 secs per wash) | Standard Hand Washing: 2.1 litres Low-flow Aerator: 0.48 litres | | | | |
| Teeth brushing (with tap running) | Running Water for Two Minutes (Standard): 17 litres Running Water for Two Minutes (Low Flow Aerator): 3.8 litres Brush and Rinse: ~2.0 litres | | | | |
| Outdoor watering | 24 litres per minute from hose 0 litres per minute from rain barrel | | | | |
| Dishwashing with dishwasher | Standard Dishwasher Pre-1994: ~47.2 litres per wash New Energy Star Dishwasher: 20.8 litres per wash | | | | |
| Dishwashing by hand | Full sink wash and rinse: 11.4 litres Running water (5 minutes): 41.5 litres | | | | |
| Washing machine | Conventional top-loader: ~161 litres Front loader: ~74 litres | | | | |
| Total Water Use | | | | | |

Day Two: _____

| Type of Use | Efficiency of use (Circle the appropriate use) | # of uses per day | Amount of water per use | Calculation (# of uses per day x amount per use in L) | Total amount of water used per day |
|--|---|-------------------|-------------------------|---|------------------------------------|
| Toilet flush | Standard Toilet pre 1992: 13.2 litres per flush Ultra Low Flush (ULF): 6 litres per flush Dual Flush: ~4 litres per flush | | | | |
| Shower | Standard Showerhead pre-1992: 13.2 lpm Showerhead post-1992: 9.5 lpm Low flow Showerhead: 5.7 lpm | | | | |
| Tub Bath | Average Bath: 114 litres per bath | | | | |
| Hand washing (lasts ~15 secs per wash) | Standard Hand Washing: 2.1 litres Low-flow Aerator: 0.48 litres | | | | |
| Teeth brushing (with tap running) | Running Water for Two Minutes (Standard): 17 litres Running Water for Two Minutes (Low Flow Aerator): 3.8 litres Brush and Rinse: ~2.0 litres | | | | |
| Outdoor watering | 24 litres per minute from hose 0 litres per minute from rain barrel | | | | |
| Dishwashing with dishwasher | Standard Dishwasher Pre-1994: ~47.2 litres per wash New Energy Star Dishwasher: 20.8 litres per wash | | | | |
| Dishwashing by hand | Full sink wash and rinse: 11.4 litres Running water (5 minutes): 41.5 litres | | | | |
| Washing machine | Conventional top-loader: ~161 litres Front loader: ~74 litres | | | | |
| Total Water Use | | | | | |

Day Three: _____

| Type of Use | Efficiency of use (Circle the appropriate use) | # of uses per day | Amount of water per use | Calculation (# of uses per day x amount per use in L) | Total amount of water used per day |
|--|---|-------------------|-------------------------|---|------------------------------------|
| Toilet flush | Standard Toilet pre 1992: 13.2 litres per flush Ultra Low Flush (ULF): 6 litres per flush Dual Flush: ~4 litres per flush | | | | |
| Shower | Standard Showerhead pre-1992: 13.2 lpm Showerhead post-1992: 9.5 lpm Low flow Showerhead: 5.7 lpm | | | | |
| Tub Bath | Average Bath: 114 litres per bath | | | | |
| Hand washing (lasts ~15 secs per wash) | Standard Hand Washing: 2.1 litres Low-flow Aerator: 0.48 litres | | | | |
| Teeth brushing (with tap running) | Running Water for Two Minutes (Standard): 17 litres Running Water for Two Minutes (Low Flow Aerator): 3.8 litres Brush and Rinse: ~2.0 litres | | | | |
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| Dishwashing with dishwasher | Standard Dishwasher Pre-1994: ~47.2 litres per wash New Energy Star Dishwasher: 20.8 litres per wash | | | | |
| Dishwashing by hand | Full sink wash and rinse: 11.4 litres Running water (5 minutes): 41.5 litres | | | | |
| Washing machine | Conventional top-loader: ~161 litres Front loader: ~74 litres | | | | |
| Total Water Use | | | | | |

Day Four: _____

| Type of Use | Efficiency of use (Circle the appropriate use) | # of uses per day | Amount of water per use | Calculation (# of uses per day x amount per use in L) | Total amount of water used per day |
|--|---|-------------------|-------------------------|---|------------------------------------|
| Toilet flush | Standard Toilet pre 1992: 13.2 litres per flush Ultra Low Flush (ULF): 6 litres per flush Dual Flush: ~4 litres per flush | | | | |
| Shower | Standard Showerhead pre-1992: 13.2 lpm Showerhead post-1992: 9.5 lpm Low flow Showerhead: 5.7 lpm | | | | |
| Tub Bath | Average Bath: 114 litres per bath | | | | |
| Hand washing (lasts ~15 secs per wash) | Standard Hand Washing: 2.1 litres Low-flow Aerator: 0.48 litres | | | | |
| Teeth brushing (with tap running) | Running Water for Two Minutes (Standard): 17 litres Running Water for Two Minutes (Low Flow Aerator): 3.8 litres Brush and Rinse: ~2.0 litres | | | | |
| Outdoor watering | 24 litres per minute from hose 0 litres per minute from rain barrel | | | | |
| Dishwashing with dishwasher | Standard Dishwasher Pre-1994: ~47.2 litres per wash New Energy Star Dishwasher: 20.8 litres per wash | | | | |
| Dishwashing by hand | Full sink wash and rinse: 11.4 litres Running water (5 minutes): 41.5 litres | | | | |
| Washing machine | Conventional top-loader: ~161 litres Front loader: ~74 litres | | | | |
| Total Water Use | | | | | |
| Daily Average Water Use: | | | | | |
| Fill in your water use for each day below and find the average by adding up the value for each day and then dividing by four | | | | | |
| Day One | Day Two | Day Three | Day Four | Total | |
| | | | | | |