

There are many possible solutions; a couple of solutions are given.

Solution 1

Daily Water Usage

Activity/Appliance	Daily Usage	Total	Explanation
Shower	5 min/day $5 \times 8 \text{ L/min} = 40 \text{ L}$	40 L	One quick shower per day is all that is needed
Toilet	3 flushes/day $3 \times 6 \text{ L} = 18 \text{ L}$	18 L	Assuming you work or go to school during the day you only average using the toilet 3x/day
Tap	10 min/day $10 \times 6 \text{ L/min} = 60 \text{ L}$	60 L	After using washroom, and once for dishes that can't go in dishwasher
Dishwasher	Once every second day	8L	One load of dishes per two days
Clothes Washer	Two loads/week (/7)	17 L	Only use a light and dark load per week
TOTAL		143 L/day	

$143 \text{ L/day} \times 7 \text{ days} = 1001 \text{ L}$ for the week, which is under the limit of 1050 L per week.