



CITY OF ARROYO GRANDE CALIFORNIA

HOME WATER AUDIT

This home water audit will give your family an idea of how much water your household uses on a daily, weekly and billing cycle basis. Your family will need to help you gather some of the information needed for this audit.

Household Information:

Type of Dwelling: Detached single family residence Townhouse/condominium residence

Number of adults living in home: _____ Number of toilets: _____
Number of children living in home: _____ Number of showers: _____

Dishwasher: Yes No Clothes washer: Yes No

Water Use:

1. **Showers:** How many showers does your family take per day? About how long is each one? Fill your answers below.

$$\frac{\text{Total no. of showers/day}}{\text{Total no. of showers/day}} \times \frac{\text{No. of minutes/shower}}{\text{No. of minutes/shower}} = \frac{\text{Total minutes/day}}{\text{Total minutes/day}} \times \frac{\text{No. of showers/week}}{\text{No. of showers/week}} = \frac{\text{Total minutes/week}}{\text{Total minutes/week}}$$

2. **Baths:** How many baths does your family take per day? A half-full tub is about 18 gallons; a full tub is about 36 gallons. Fill in your answers below.

$$\frac{\text{No. in family}}{\text{No. in family}} \times \frac{\text{No. of baths per person/day}}{\text{No. of baths per person/day}} = \frac{\text{Total no. of baths/day}}{\text{Total no. of baths/day}} \times \frac{\text{No. of baths/week}}{\text{No. of baths/week}} = \frac{\text{Total no. of baths/week}}{\text{Total no. of baths/week}}$$

3. **Toilets:** How many times per day does your family flush the toilet? (The average is four flushes per person per day). Fill in your answers below.

$$\frac{\text{No. in family}}{\text{No. in family}} \times \frac{\text{No. of flushes per person/day}}{\text{No. of flushes per person/day}} = \frac{\text{Total no. of flushes/day}}{\text{Total no. of flushes/day}} \times \frac{7}{7} = \frac{\text{Total no. of flushes/week}}{\text{Total no. of flushes/week}}$$

4. **Tooth Brushing:** Most family members brush their teeth at least twice a day for about two minutes each time. Leaving the faucet on while brushing your teeth wastes a lot of water. How often does your family brush?

$$\frac{\text{No. in family}}{\text{No. in family}} \times \frac{\text{No. of brushes per person/day}}{\text{No. of brushes per person/day}} = \frac{\text{Total no. of brushes/day}}{\text{Total no. of brushes/day}} \times \frac{2}{2} = \frac{\text{Total minutes/day}}{\text{Total minutes/day}} \times \frac{7}{7} = \frac{\text{Total minutes/week}}{\text{Total minutes/week}}$$

5. **Hand Dishwashing:** How many times a day does your family wash dishes by hand? How long does the water run each time?

$$\frac{\text{Total no. of dish washing/day}}{\text{Total no. of dish washing/day}} \times \frac{\text{No. of minutes/wash}}{\text{No. of minutes/wash}} = \frac{\text{Total minutes/day}}{\text{Total minutes/day}} \times \frac{\text{No. of dish washing/week}}{\text{No. of dish washing/week}} = \frac{\text{Total minutes/week}}{\text{Total minutes/week}}$$

6. **Dishwasher:** If applicable, how many times a week does your family run the dishwasher? _____

7. **Laundry:** If applicable, how many loads of laundry a week does your family do each week? _____

8. **Other Indoor Water Use:** Your family also uses water indoors in other ways. List some of these ways below (i.e. cooking, cleaning, pets).

_____ Gallons/week

9. **Lawn Watering:** How many times a week do you water the lawn? How many minutes do you water each time?

$$\frac{\text{No. of watering days/week}}{\text{No. of watering days/week}} \times \frac{\text{No. of minutes/day}}{\text{minutes/day}} = \frac{\text{Total minutes/week}}{\text{week}}$$

10. **Other Outdoor Water Use:** Your family may use water outdoors in other ways. List some of these ways below.

_____ Gallons/week

Calculate Your Family's Total Daily Water Use

Put your answers from the previous pages in column 'C' below. Multiply column 'B' by column 'C' and insert the result in column 'D.' This is approximately the amount of water your family uses each week.

A. Water Use Activity	B. Gallons per Minute or Use		C. Minutes or Uses per Week	=	D. Total Water Use per Week
1. Showers	2.5 gallons/minute	X	_____	=	_____
2. Baths	36 gallons/use	X	_____	=	_____
3. Toilet Flushing	1.6 gallons/flush	X	_____	=	_____
4. Tooth Brushing	2 gallons/minute	X	_____	=	_____
5. Hand Dishwashing	2 gallons/minute	X	_____	=	_____
6. Dishwasher	30 gallons/use	X	_____	=	_____
7. Laundry	48 gallons/use	X	_____	=	_____
8. Other Indoor Use	(insert result from above)		_____	=	_____
9. Lawn Watering	10 gallons/minute	X	_____	=	_____
10. Other Outdoor Use	(insert result from above)		_____	=	_____
Total Gallons of Water Use per Week:					=====

$$\frac{\text{No. of gallons per week (enter from above)}}{\text{No. of gallons per week (enter from above)}} \times \frac{8}{\text{Weeks per billing cycle}} = \frac{\text{Total no. of gallons per billing cycle}}{\text{Total no. of gallons per billing cycle}} \div \frac{748}{\text{Gallons per one unit of consumption}} = \frac{\text{Billable Consumption}}{\text{Billable Consumption}}$$