

Name _____



Calculate Your Household Water Use

Directions: Calculate your family's weekly household water use by completing Tables 1 and 2 below. See the examples in each table for calculating individual and family water use. Then answer the questions at the bottom of the page.

Table 1: Total Weekly Water Use for Your Family for Individual Household Activities

A List Individual Household Activities That Require Water	B Gallons of Water Used Per Activity	C Number of Family Members Who Do This Activity	D Average Number of Times This Activity is Done Daily By Each Family Member x 7 Days	E Total Gallons of Water Used Per Week By All Family Members (B x C x D)
Example: brushing teeth	1	4	2 times/day x 7 days=14	1 x 4 x 14 = 56
1.				
2.				
3.				
4.				
5.				
6.				
7.				
Your family's total weekly water use for individual household activities				

Table 2: Your Family's Total Weekly Water Use for Shared Household Activities

F Family Direct Water Use (List uses)	G Gallons of Water Per Use	H Number of Times Per Week the Family Does This Activity	I Total Gallons Of Water Used (G X H)
Example: washing clothes	40/load	4 loads	40 x 4 = 160
1.			
2.			
3.			
4.			
5.			
6.			
Your family's total weekly water use for shared household activities			

Your family's total Weekly Water Use: (sum of columns E and I) = _____ gallons/week

Your family's Yearly Water Use: (Weekly Water Use x 52 weeks/year) = _____ gallons/year

Calculate the cost of your family's total Weekly Water Use using a typical cost of \$1.60* per 748 gallons (\$.002/gallon*) \$_____ for _____ gallons per week.

Calculate the cost of your family's Weekly Water Use if a gallon of water costs the same as gasoline:

Total weekly water use _____ (gallons) x \$_____/gallon of gas = _____

*Contact your local city office to find out your water rate. Public water costs will vary. Note: The cost of water for those on private water wells is \$6,000-\$15,000 to drill the well, the cost of electricity to pump the water out of the ground to the home, and the cost of annual water testing.)