Home Water Audit

Conduct a water audit today!
Calculate your water use, identify ways to conserve water and start saving money.

TOILET(S)	No. 1	No. 2	No. 3
Manufacture Date (Look inside toilet tank. Toilets manufactured and installed after 1994 typically use 1.6 gpf)			
Year Installed			
Gallons per flush (gpf) *			
Flushes per day (average is 5)			
Leak Detected?	Yes No	Yes No	Yes No

	TOILET WATER USE
No. 1 _____ **gpf** x _____ **flushes per day** = _____ No. 2 _____ **gpf** x _____ **flushes per day** = _____ No. 3 _____ **gpf** x _____ **flushes per day** = _____ + _____ =	

*If the gpf number is not imprinted on your toilet, calculate by measuring the volume of the toilet tank using the steps below.

STEP 1. Measure toilet tank. **Length**_____ **Width**_____

STEP 2. Measure water depth in toilet tank at **highest** point. Flush toilet. _____ inches
Measure water depth in toilet tank at **lowest** point. — _____ inches
Subtract high from low to get **Depth**. = _____ inches

STEP 3. Calculate the amount of water used per flush.
Multiply **Length** _____ x **Width** _____ x **Depth** _____ = _____ cubic inches

STEP 4. Multiply STEP 3 answer by 0.004. x ___0.004___
= _____ gallons per flush

SHOWER(S)	No. 1	No. 2	No. 3
Gallons per minute (gpm)*			
Length (in minutes) per shower			
Showers per day			
Leak Detected?	Yes No	Yes No	Yes No

	SHOWER WATER USE
No. 1 _____ **gpm** x _____ **length (mins)** x _____ **showers per day** = _____ No. 2 _____ **gpm** x _____ **length (mins)** x _____ **showers per day** = _____ No. 3 _____ **gpm** x _____ **length (mins)** x _____ **showers per day** = _____ + _____ =	

*In most cases, manufacturers imprint flow rate on fixtures (look around the edge) in gallons per minute (gpm).
To accurately calculate flow rate, place a container under the showerhead, turn on and collect water for 10 seconds.
Use a measuring cup to determine the amount of water collected.

STEP 1. # cups _____ ÷ 16 = _____ gallons

STEP 2. _____ gallons X 6 = _____ gallons per minute (gpm)

LAUNDRY (Washing Machine)

Existing in home? Yes No Leak Detected? Yes No		
Loads per week		
Gallons per load (gpl)*		
		LAUNDRY WATER USE
_____ gpl x _____ number of loads per week ÷ 7 =		

*The average washing machine uses 41 gallons per load. If you are unsure or have a water-efficient machine, inspect and/or research the make and model to determine water use per load.

FAUCETS

	No. 1	No. 2	No. 3
Gallons per minute (gpm)*			
Length (in minutes) per use			
Uses per day (washing, cooking, etc.)			
Leak Detected?	Yes No	Yes No	Yes No

No. 1   _____ gpm x _____ length (mins) x _____ uses per day = _____
No. 2   _____ gpm x _____ length (mins) x _____ uses per day = _____
No. 3   _____ gpm x _____ length (mins) x _____ uses per day = _____
+
_____ =

FAUCET WATER USE

*Visually inspect household faucets to determine flow rates for each (measured in gallons per minute).
To accurately calculate flow rate, place a container under the faucet, turn on and collect water for 10 seconds.
Use a measuring cup to determine the amount of water collected. See shower listing on other side for formula.

DISHWASHER

Existing in home? Yes No Leak Detected? Yes No		
Loads per week		
Gallons per load (gpl)*		
		DISHWASHER WATER USE
_____ gpl x _____ number of loads per week ÷ 7 =		

*The average dishwasher uses 10 gallons per load. If you are unsure or have a water-efficient machine, inspect and/or research the make and model to determine water use per load.

CALCULATING TOTAL DAILY INDOOR HOUSEHOLD WATER USE

Add up the water use totals for each fixture included in this audit. If you discovered any leaks that have not yet been repaired, add an additional 10% to your household total water use.

For example, if a home consumed 70 gallons per day (gpd) and had leaky fixtures, its actual total is 70 gpd + (70 x 0.1) = 77.

TOILET		SHOWER		LAUNDRY		FAUCET		DISHWASHER		TOTAL WATER USE
	+		+		+		+		=	

CITY OF BELLINGHAM WASHINGTON