City of San Luis Obispo Water Audit Worksheet



Use the below worksheet to estimate how much water your home may be using. By identifying where you may be using the most water, you can more efficiently act to conserve water! For any questions, please reach out to a Water Resource Technician at (805) 781-7215.

TOILET(S)	#	1	#2	#	3	
Manufacture Date & Date Installed (Look inside toilet tank. Toilets manufactured installed after 1994 typically use 1.6 gpf or le						
Gallons per flush (gpf)*						
Flushes per day (average is 5)						
Leak Detected?	YES	NO YE	S NO	YES	NO	
Toilet #	1 gpf x	flushes per	day =	TOILET W	ATER USE	
Toilet #	2 gpf x	flushes per	day =			
Toilet #	3 gpf x	flushes per	day =			
			+=			
*If the gpf number is not imprinted on your toilet, calculate gpf to STEP 1. Measure the toilet length and we step 2. Measure water depth in toilet tank at high Measure water depth in toilet tank at lower Subtract high from low to get depth.	idthest point. Flush toilet.est point.	e of the toilet tank using the	steps below.	- - =	inches inches inches	
STEP 3. Calculate the amount of water used per fl Multiply length x width					in aboa3	
STEP 4. Multiply STEP 3 answer by 0.004**	_ x deptn			=	inches ³ X 0.004	
**1 cubic foot inch of water is equivalent to	0.004 US gallons.			= (gallons per flush	
SHOWER(S)	#1		#2	#3	-	
Gallons per minute (gpm)*			<u>-</u>			
Length per shower (minutes)						
Showers per day						
Leak Detected?	YES	NO YES	S NO	YES	NO	
#1 gpm x l						
#2 gpm x l	= ' '	· · · · · · · · · · · · · · · · · · ·	-			
#3 gpm x l	= '	· · · · · · · · · · · · · · · · · · ·	-			
#5 gpiii x i	engui (mins) x	snowers per day = + =				
*In most cases, manufacturers imprint flow rate on fixtures (the showerhead, turn on and collect water for 10 seconds.Use STEP 1. Number of cups ÷ 16 = gallons x 6 = gallons	se a measuring cup to gallons per minute (gpm)	determine the amount of v			container under	
FAUCET(S)	#1	#2		#3		
Gallons per minute (gpm)*						
Length per use (minutes)						
Uses per day (washing, cooking, etc.)						
Leak Detected?	YES NO		NO	YES NO		
#1 gpm x lengtl	• •			FAUCET WATE	RUSE	
#2 gpm x length (mins) x uses per day =						
#3 gpm x length (mins) x uses per day =						
		+	=			

^{*}Visually inspect household faucets to determine flow rates for each (measured in gallons per minute). If unavailable, calculate flow rate using the directions and formula listed under "shower" on the reverse side of this worksheet.

DIOLINA OTED				
DISHWASTER		\/=C	NO	
Leak Detected?	YES NO)
Loads per week				
Gallons per load (gpl)				
	DIS	HWASHE	R WA	TER 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-efficientmachine, inspect and/or rewater use per load.	esearch th	e make and	model 1	to determine
LAUNDRY (WASHING MACHINE)				
Existing in home?		`	YES	NO
Leak Detected?				NO
Loads per week			YES	110
Gallons per load (gpl)*				
Galions per load (gpr)				ATER USE
		LAUNE	VIX I VV	ATER OSE
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 a determine water use per load.	and/or rese	earch the ma	ake and	model to
OUTDOOR				
Irrigation system existing on the property?		YES	NC)
System Type		120		<u> </u>
Leak Detected?		YES	NC)
Frequency system is run (days per week)		120		<u> </u>
Gallons per run*				
Pool on the property?	YES NO			
Gallons used to refill each week	TES NO			<i></i>
Leak detected?**	YES NO			
Number of hoses	TES NO			
Gallons per minute for each hose (gpm)***				
Average length of hose use per day (mins)				
Remember to include all uses such as car washing, watering of plants, cleaning, etc.!				
Irrigation system: gallons per run x runs per week ÷ 7 =	OUTDOOR WATER USE			ER LISE
Pool: gallons used per week ÷ 7 =	0(JIDOOK	WAII	LIK USL
Hoses: gpm x length (mins) x number of hoses =				
+				
*Use you water meter (typically located in the sidewalk in front of your home) and the steps below to estimate the volume o	f water you	ur irrigation s	system ι	uses each time it is
run. Ensure no other water use is occurring onsite while conducting this test.	,	J	,	
STEP 1. Water meter read before running irrigation system (cubic feet)				
If you have any questions on how to read your meter, please call the City of San Luis Obispo Utilit	ies Depart	ment at (80	5) 781-	7215.
STEP 2. Water meter read after running irrigation system (cubic feet)				
STEP 3. Subtract the read before the irrigation system is run from the read after the irrigation system is run		(cubic feet)		
STEP 4. Convert from cubic feet to gallons by multiplying the result from STEP 3 by 7.48 ¹ Note: Each "billing unit" is equivalent to 100 cubic feet or 748 gallons of water.				
** Place a bucket of water beside the pool and mark both the water in the bucket and the pool water level. Wait 24 hours, the water than the bucket, then you have a leak.	nen check	the loss of b	oth. If th	e pool loses more
***To calculate flow rate, use the directions and formula listed under "shower" on the reverse side of this worksheet.				
Calculating TOTAL Daily Household Water Use				
Add up the water use totals for each category. If you discovered any leaks that have not yet been repaired, add an additi For example, if a home consumed 70 gallons per day (gpd) and had leaky fixtures, its actual total is 70 $gpd + (70 \times 0.1) = 77$.	onal 10%	to your hous	sehold t	otal water use.
TOILET SHOWER LAUNDRY FAUCET DISHWASHER	OUT	DOOR	,	TOTAL
+ + + + + + + + + + + + + + + + + + + +			=	VATER USE

The City of San Luis Obispo uses "billing units" to report consumption. Each billing unit is equivalent to 100 cubic feet or 748 gallons of water. To convert from gallons per day to billing units, multiply daily total water use (in gallons) by the number of days per month (~30), and then divide by 748 gallons.