



ATWATER BUILDING DIVISION

BASELINE WATER USE WORKSHEET (WS-2) (Performance Method)

Project Address:	Permit Number:
Designer:	Jurisdiction:

20% Reduction Water Use Calculation Table

Fixture Type	Quantity	Flow-Rate (gpm) ²	Duration	Daily Uses	Occupants ¹	Gallons/Day
Showerheads	X	X	5 min	1	X	=
Showerheads (Residential)	X	X	8 min	1	X	=
Lavatory Faucets (Residential)	X	X	.25 min	3	X	=
Kitchen Faucets	x	x	4 min	1	x	=
Replacement Aerators	X	X			X	=
Wash Fountains	X	X			X	=
Metering Faucets	X	X	.25 min	3	X	=
Metering Faucets for Wash Fountains	X	X	.25 min		X	=
Gravity tank type Water Closets	X	X	1 Flush	1 male ¹ 3 female	X	=
HET ⁵ High Efficiency Toilet		1.28				
Flushometer Tank Water Closets	X	X	1 Flush	1 male ¹ 3 female	X	=
Flushometer Valve Water Closets	X	X	1 Flush	1 male ¹ 3 female	X	=
Electromechanical Hydraulic Water Closets	X	X	1 Flush	1 male ¹ 3 female	X	=
Urinals	x	x	1 Flush	2 male	x	=
Urinals Non-water supplied	x	0.0	1 Flush	2 male	x	

Total baseline water use (BWU) =

_____ (BWU) x .80 = _____ **Allowable water use**

¹ Except for low-rise residential occupancies, the daily use number shall be increased to three if urinals are not installed in the room.
² The flow rate is from the CEC Appliance Efficiency Standards, Title 20 California Code of Regulations; where a conflict occurs, the CEC standards shall apply.
³ For low-rise residential occupancies, the number of occupants shall be based on two persons for the first bedroom, plus one additional person for each additional bedroom.
⁴ For non-residential occupancies, refer to Table A, Chapter 4, 2010 California Plumbing Code, for occupant load factors.
⁵ Includes single and dual flush water closets with an effective flush of 1.28 gallons or less.