



**Water Consumption Calculator**  
 (<https://www.theqbi.org/fil>)

Use this Excel workbook to calculate water consumption inputs for Green Globes.

**Green Globes Weighted-Criteria**  
 (<https://www.thegbi.org/fil>)

Green Globes' use of weighted criteria, non-applicable criteria, and partial credit provides flexibility for building owners to concentrate on green features and policies that are practical and feasible for their building while avoiding scoring penalties and fees.

**Comparison of Green Globes & LEED**  
 (<https://www.theqbi.org/fil>)

We are often asked to compare ourselves to LEED. We believe the question shouldn't be "why Green Globes versus LEED" but "which certification is better for my building and my occupants?" We have provided this comparison to make that decision easier.

**Green Globes Building Eligibility Guidance**  
 (<https://www.theqbi.org/fil>)

This document contains guidance that will help you decide which Green Globes assessment and certification program is best for your building or project.

**Green Globes for Hotels**  
 (<https://www.thegbi.org/fil>)

See how incorporating efficient systems and implementing sustainable best practices can yield reduced operating costs for hotels.

**Green Globes Continuous Monitoring Requirements**  
 (<https://www.thegbi.org/fil>)

GBI's requirements for continuous utility data monitoring and verification system for federal agency buildings, consistent with the Department of Energy's Final Rule (2014-10-14 Green Building Certification Systems for Federal Buildings; 10 CFR Part 433).

**Protocol for Green Globes Virtual Site Assessments**  
 (<https://www.thegbi.org/fil>)

The Protocol for Green Globes Virtual Site Assessments helps clients prepare for virtual onsite assessments in lieu of in-person onsite assessments.

EPAct reqmt in GREEN

CODE requirement in BLUE

BASELINE WATER USE ANALYSIS FOR NON-RESIDENTIAL BUILDING

TOTAL BLDG  
SQUARE  
FOOTAGE

Variables:	Net Sq Ft per person	250	
	Space Efficiency	0.9	
	Occupancy Males	0.5	(fraction of total occupancy)
	Females	0.5	(fraction of total occupancy)
	Total	1	(must equal 1)
	Work days per year	260	
	Lav faucet use (minutes)	6	
	Lavatory faucet flow rate	0.5	gallons per minute (per code for all PUBLIC space)
	Flush fixtures		

Gross Square Footage	3,400
Net Square Footage	3,060
Net Square Feet/Person	250
Occupancy (persons)	12.24
Males	6.12
Females	6.12

Frequency of use per day per person	Amount per use (gallons)	ANNUAL WATER USE (GAL PER YEAR)
Toilets-Males (flush)	1.6	2,546
Toilets-Females (flush)	1.6	7,638
Urinals-Males (flush)	1	3,182

Flow fittings

Commercial lavatory faucets (flow/min)	5	3	47,736
SUB-TOTAL-PLUMBING (Gal/year)			61,102
OCCUPANCY ADJUSTMENT FACTOR			1.00
ADJUSTED SUB-TOTAL-PLUMBING			61,102

Other Systems

Comfort systems (HVAC)	Gallons/yr	
Landscape irrigation	Gallons/yr	
Pools, fountains, spas	Gallons/yr	
Process equipment (food, medical, etc.)	Gallons/yr	

TOTAL WATER USE - BASELINE 61,102

EPAct reqmt in GREEN

CODE requirement in BLUE

BASELINE WATER USE ANALYSIS FOR NON-RESIDENTIAL BUILDING

TOTAL BLDG  
SQUARE  
FOOTAGE

Variables:	Net Sq Ft per person	500	
	Space Efficiency	0.9	
	Occupancy Males	0.5	(fraction of total occupancy)
	Females	0.5	(fraction of total occupancy)
	Total	1	(must equal 1)
	Work days per year	260	
	Lav faucet use (minutes)	6	
	Lavatory faucet flow rate	0.5	gallons per minute (per code for all PUBLIC space)
	Flush fixtures		

Gross Square Footage	2,700
Net Square Footage	2,430
Net Square Feet/Person	500
Occupancy (persons)	4.86
Males	2.43
Females	2.43

Frequency of use per day per person	Amount per use (gallons)	ANNUAL WATER USE (GAL PER YEAR)
Toilets-Males (flush)	1.6	1,011
Toilets-Females (flush)	1.6	3,033
Urinals-Males (flush)	1	1,264

Flow fittings

Commercial lavatory faucets (flow/min)	5	3	18,954
SUB-TOTAL-PLUMBING (Gal/year)			24,261
OCCUPANCY ADJUSTMENT FACTOR			1.00
ADJUSTED SUB-TOTAL-PLUMBING			24,261

Other Systems

Comfort systems (HVAC)	Gallons/yr	
Landscape irrigation	Gallons/yr	
Pools, fountains, spas	Gallons/yr	
Process equipment (food, medical, etc.)	Gallons/yr	

TOTAL WATER USE - BASELINE 24,261