Indoor Water Use Reduction

Because the Indoor Water Use Reduction section is designed around an ***efficiency first*** model, the prerequisite deals only with the efficiency of ***fixtures and fittings***, ***appliances*** and ***processes*** that use ***potable*** water. Alternative or nonpotable water sources that offset potable water demand are addressed in the corresponding credit.

Reducing indoor water consumption includes the following:

- fixtures and fittings (*prerequisite and credit*)
- appliances and process water (*prerequisite and credit*)

Baseline water consumption of fixtures and fittings

- Water closets (toilets) — 1.6 gallons per flush (gpf) / 6 liters per flush (lpf)
- Urinals — 1.0 (gpf) / 3.8 lpf
- Public lavatory faucets — 0.5 gpm at 60 psi / 1.9 lpm at 415 kPa
- Private lavatory faucets — 2.2 gpm at 60 psi / 8.3 lpm at 415 kPa
- Kitchen faucets — 2.2 gpm at 60 psi / 8.3 lpm at 415 kPa
- Shower heads — 2.5 gpm at 80 psi per shower stall / 9.5 lpm at 550 kPa




Standards for Appliances

- Residential clothes washers — ENERGY STAR or performance equivalent
- Commercial clothes washers — CEE Tier 3A
- Residential dishwashers — ENERGY STAR or performance equivalent
- Prerinse spray valves — ≤ 1.3 gpm (4.9 lpm)
- Ice machines — ENERGY STAR or performance equivalent




gallons per flush (gpf)/liters per flush (lpf): measurement of water used by ***flush*** fixtures (e.g. water closets and urinals)

gallons per minute (gpm)/liters per minute (lpm): measurement of water used by ***flow*** fixtures (e.g. faucets, shower heads, aerators, sprinkler heads)