WATER SAFETY AND **EFFICIENCY REQUIREMENTS***

Maximum flush cycle, maximum flow rate and other requirements summarized below.





SINGLE-PASS SYSTEMS, INCLUDING **ONCE-THROUGH COOLING**

Prohibited



TOILETS

4.8 L/flush. Full flush on a dual-flush toilet shall not exceed 4.8 L



URINALS

1.9 L/flush



SHOWER HEADS**

7.6 L/minute



LAVATORY FAUCETS**

Private use 5.7 L/minute Public use 1.9 L/minute + self-closing





KITCHEN FAUCETS**

Residential use 6.8 L/minute Non-residential use 8.3 L/minute



PRE-RINSE SPRAY VALVES

4.8 L/minute



DISHWASHERS





CLOTHES WASHERS





ICE MAKERS





COMMERCIAL STEAM COOKERS





COMBINATION OVENS





HOT WATER

Domestic hot water to be stored at a minimum of 60°C within a tank. A minimum of 49°C is required within a recirculation loop.



COOLING TOWERS AND EVAPORATIVE CONDENSERS

Operating permit required for new and existing systems. Legionella pneumophila reporting required at seasonal start-up and every month of operation.



DECORATIVE WATER FEATURES†

Operating permit required for new and existing systems. Legionella pneumophila reporting required every two months of operation.



BUILDING WATER TREATMENT SYSTEMS^{††}

Operating permit required for new and existing systems treating potable water.



ALTERNATE WATER SYSTEMS. INCLUDING RAINWATER HARVESTING**

Operating permit required for new and existing systems. Water quality reporting required every two months.



PIPE SIZING & MATERIALS

IAPMO Water Demand Calculator may be used. New requirements for stainless steel.



GEOEXCHANGE SYSTEMS

Methonol use prohibited. Open-loop systems shall not discharge to sewer.



VEHICLE WASH FACILITIES

Automatic systems: recycle at least 60% of water. Self-service: 11.4 L/minute for foam brushes and spray wands.



RESIDENTIAL LANDSCAPE IRRIGATION SYSTEMS

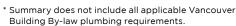
Pressure reducing valve may be required. Fertigation and chemigation prohibited.

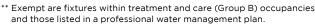


CROSS CONNECTION CONTROL

Backflow preventers shall be selected and installed in conformance with CSA B64.10.







- † Exempt are systems for single-family homes and duplexes. Green walls, fish ponds, and natural bodies of water are also exempt.
- ^{††} Exempt are systems for single-family homes and duplexes.

