

## **WATER CONSERVATION**

### **General**

- 10.7.1 Water conservation measures as stipulated in the Public Utilities (Water Supply) Regulations and SS 636 – Code of Practice for Water Services shall be adopted.
- 10.7.2 Only water fittings (i.e. taps and mixers, dual-flush low capacity flushing cisterns, urinal flush valves/waterless urinals) that are rated with at least 2-tick rating under PUB's Mandatory Water Efficiency Labelling Scheme (MWELS) shall be installed. The proposed development should obtain the Water Efficient Building (Basic) Certification by PUB.
- 10.7.3 Unless with written permission by PUB, fixed or movable sprinklers are not allowed to be used to deliver any form of water supplied by PUB, including potable water, NEWater, raw water, effluent water, industrial water for watering any garden, lawn or other land including commercial market gardens, commercial nurseries, sports grounds, golf courses, race courses, public and club tennis courts. Where possible, the Lessee are encouraged to use drought tolerant plants.
- 10.7.4 For non-domestic developments with estimated water requirements of at least 5,000 m<sup>3</sup>/month, and government developments with estimated water requirements at least 3,000 m<sup>3</sup>/month, private water meters in accordance to PUB's requirements to monitor water usage in the key areas as stipulated in the Fourth Schedule of the Public Utilities (Water Supply) Regulations shall be installed.
- 10.7.5 Wherever possible, alternate sources of water (such as industrial water, high grade industrial water, sea water, recycled water, rainwater and AHU condensate etc) should be used to meet the non-potable water requirements of the proposed development.
- 10.7.6 Wherever possible, water recycling system should be set up to reclaim water for reuse for non-potable purposes such as production process, toilet flushing, irrigation and as cooling tower make up water, etc.
- 10.7.7 Use non-water cooled systems (such as air-cooled, refrigerant-cooled, etc) for cooling purposes wherever possible.
- 10.7.8 Cooling towers should achieve minimum 7 and 10 Cycles of Concentration (COC) using potable water and NEWater respectively.