

LEGCO QUESTION NO. 6

Annex

Key parameters of water quality standards of reclaimed water in Hong Kong (for non-potable uses, including toilet flushing)

Key Parameter	Unit	Water Quality Standard	Justification
E.Coli	colony forming units/100mL	Not Detectable	A bacterial benchmark for safeguarding the hygienic quality of reclaimed water and public health
Total Residual Chlorine	mg/L	After treatment > 1; At point of use ≥ 0.2	To contain bacterial growth by maintaining a sufficient concentration of residual chlorine in the distribution system of reclaimed water
Dissolved Oxygen	mg/L	≥ 2	To prevent odour from being generated in a low-oxygen environment by reducing organic materials in reclaimed water
Total Suspended Solids	mg/L	≤ 5	General water quality benchmarks for ensuring that reclaimed water reaches an acceptable level in sensory terms
Colour spectrum	Hazen unit	≤ 20	