

## Drinking Water Quality for the Period of April 2016 - March 2017

### Part C Radiological quality

#### General Points

- Hong Kong enjoys one of the safest water supplies in the world. Since August 2012, we monitor the quality of our drinking water supply according to the World Health Organization's (WHO) Guidelines for Drinking-water Quality (2011).
- According to the recommendation of the WHO, the screening levels for radiation in drinking water are 0.5 Bq/L for gross alpha activity and 1.0 Bq/L for gross beta activity respectively, below which no further investigation or detailed analysis for specific radionuclides is required.
- In extreme cases of contamination, we will take concerted actions with the Department of Health. The public will be informed to take appropriate measures if necessary.
- Samples were taken at water treatment works, connection points and publicly accessible consumer taps.
- Based on water samples taken during this period, the radioactivity level of drinking water was well below the screening levels for gross alpha and gross beta activities recommended by the WHO 2011 and was safe for consumption.

Parameter	Unit	Monitoring Data (04/2016 - 03/2017)			WHO 2011 Screening Level	Below Screening Level
		Minimum	Maximum	Average		
Gross alpha activity	Bq/L	< 0.1	< 0.1	< 0.1	0.5	✓
Gross beta activity	Bq/L	< 0.2	< 0.2	< 0.2	1.0	✓

#### Note:

- (1) This is a summary report on drinking water quality.
- (2) All values are compiled in accordance with requirements stipulated by the current quality assurance protocol of the Water Science Division of WSD.
- (3) Reporting values for gross alpha and gross beta activities are set at 20% of their respective WHO screening levels.