

**Guidelines for Assessment and Methodologies for Quality of Drinking Water**

1. These guidelines are issued under the provisions of Part 2, Regulation 4 of the Environmental Public Health (Water Suitable for Drinking) (No. 2) Regulations 2019.
2. For the purpose of section 79(2)(b) of the Environmental Public Health Act (herein after referred as EPHA), following methodology or assessment must be used.
  - (a) Calculate the guideline value for the contaminant, substance or organism based on a methodology, assessment or approach used for derivation of guideline value, available under the most recent edition of the Guidelines for Drinking-water Quality, published by the World Health Organization.

The data used for derivation of guideline value must be based on uncertainty factors, relative source allocation for drinking water, default assumptions or any other data used by the World Health Organization in the stated Guidelines, or published in the most recent edition of the background document for development of WHO Guidelines for Drinking-water Quality for any parameter, contaminant, substance or organism.

- (b) Compare the guideline value calculated above with the level or concentration of the contaminant, substance or organism found in the drinking water provided by the water provider as defined in the EPHA.
- (c) The drinking water is unpolluted and wholesome if the level or concentration of the contaminant, substance or organism in drinking water does not exceed the calculated guideline value.