

Translated English of Chinese Standard: GB/T18920-2020

www.ChineseStandard.net → Buy True-PDF → Auto-delivery.

Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 13.060

P 40

GB/T 18920-2020

Replacing GB/T 18920-2002

**The reuse of urban recycling water -
Water quality standard for urban miscellaneous use**

城市污水再生利用 城市杂用水水质

Issued on: March 31, 2020

Implemented on: February 01, 2021

Issued by: State Administration for Market Regulation;

**Standardization Administration of the People's Republic of
China.**

Table of Contents

Foreword.....	3
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	6
4 Water quality indicators.....	7
5 Sampling and monitoring	8
6 Safe use.....	10

The reuse of urban recycling water - Water quality standard for urban miscellaneous use

1 Scope

This Standard specifies the terms and definitions, water quality indicators, sampling and monitoring, safe use of water for urban miscellaneous use in the reuse of urban recycling water.

This Standard applies to reclaimed water for miscellaneous use, such as toilet flushing, vehicle washing, urban landscaping, street sweeping, fire protection, construction site and concrete production.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 5750.4 Standard examination methods for drinking water - Organoleptic and physical parameters

GB/T 5750.5 Standard examination methods for drinking water - Nonmetal parameters

GB/T 5750.6 Standard examination methods for drinking water - Metal parameters

GB/T 5750.11 Standard examination methods for drinking water - Disinfectants parameters

GB/T 5750.12 Standard examination methods for drinking water - Microbiological parameters

GB/T 7488 Water quality - Determination of biochemical oxygen demand after 5 days (BOD₅) - Dilution and seeding method

GB/T 7489 Water quality - Determination of dissolved oxygen - Iodometric method

GB/T 11913 Water quality - Determination of dissolved oxygen -

Reclaimed water used for toilet flushing in public and residential toilets.

3.4

urban landscaping use

Water used for gardens, parks, roadside trees and road isolation green belts, venues and public lawns, and similar areas other than special trees and special flowers.

3.5

street sweeping use

Reclaimed water used for road dust suppression and road sweeping.

3.6

fire protection use

Reclaimed water used for fire protection in municipal works, residential quarters and factories.

3.7

construction site and concrete production use

Water used for soil compaction, dust suppression and concrete in construction sites.

4 Water quality indicators

4.1 The basic control items and limits for water quality of water for urban miscellaneous use shall meet the requirements of Table 1.

4.2 Users of water for urban miscellaneous use should select the items in Table 2 in a targeted manner according to the water source of the local reclaimed water plant.

4.3 Water for concrete shall also comply with the relevant provisions of JGJ 63.

4.4 For water used in the automatic sprinkler fire-fighting system, in addition to meeting the requirements of Table 1, the suspended matter shall meet the requirements of GB 50084.

**Table 1 -- Basic control items and limits of
water quality of water for urban miscellaneous use**

No.	Item	Toilet flushing use,	Urban landscaping,
-----	------	----------------------	--------------------

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----