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# National Standard of the People's Republic of China

GB 18918-2002

# 城镇污水处理厂污染物排放标准

Discharge standard of pollutants for municipal wastewater treatment plant

Issued on Dec. 24, 2002

Implemented on Jul. 01, 2003

Joint Issued by the SEPA (State Environmental Protection Administration) and the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China

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### Foreword

In order to carry out *Environmental Protection Law of The People Republic of China*, Water Pollution Prevention and Control Law, "*Marine Environmental Protection Law of The People Republic of China*, Law of the Peoples Republic of China on the Prevention and Control of Atmospheric Pollution, *Law of the Peoples Republic of China on Prevention of Environmental Pollution Caused by Solid Waste*, and to improve the construction and supervision of municipal wastewater treatment plant, enhance the discharge control of pollutants for municipal wastewater treatment plant and usage of waste water as resource, ensure people's health, keep good environment, combined with *Technological Policy for Treatment of Municipal Sewage and Its Pollution Control*, this standard is constituted.

This standard stipulates controlled items and standard values for pollutants in waste water, waste gas and sludge for municipal wastewater treatment plant.

From the date of this standard is brought into effect, discharge of waster water and waste gas and control of sludge for municipal wastewater treatment plant must carry out this standard.

Waste water discharged to municipal wastewater treatment plant from industry and hospital shall meet GB8978 Integrated Wastewater Discharge Standard, national discharge standards of the relating industry, controlled value in local discharge standards and the requirement of local total quantity control.

This standard is issued for the first time.

This standard is proposed by Science & and Technology Department of State Environmental Protection Administration of China.

This standard is written by Beijing Environmental Protection Science Academy, Chinese Research Academy of Environmental Science.

This standard is approved by State Environmental Protection Administration of China on December 2, 2002

This standard is explained by State Environmental Protection Administration of China.

### Discharge standard of pollutants for municipal wastewater treatment plant

#### 1. Scope

The standard specifies the limit of pollutants in waste water, waste gas and sludge disposal (control) for municipal wastewater treatment plant.

The standard is applicable to the management of waste water, waster gas and sludge disposal (control) for municipal wastewater treatment plant.

The discharge management of pollutants for individual living wastewater treatment facility in residential area and industrial enterprise shall carry out this standard.

#### 2. Normative References

The articles contained in the following documents have become this standard when they are quoted herein, and equivalent to this standard.

GB 3838 Environmental quality standard for surface water

GB 3097 Sea water quality standard

GB 3095 Ambient air quality standard

GB 4284 Contaminants control standard for sludge farming

GB 8978 Integrated wastewater discharge standard

GB 12348 Standard for Noise at Boundary Of Industrial Enterprises

GB 16297 Integrated emission standard of air pollutants

HJ/T 55 Technical guidelines for fugitive emission monitoring of air pollutants

For the undated documents so quoted, the latest editions shall be applicable to this Standard.

### 3. Terms and Definitions

#### 3.1 Municipal wastewater

Including municipal living wastewater, wastewater from department, school, hospital, commercial services site and other public institution, and industry wastewater and primary rain which is allowed to discharge into municipal wastewater collection system.

3.2 Municipal wastewater treatment plant

Wastewater treatment plant which decontaminates wastewater from municipal wastewater collection system.

3.3 Enhanced primary treatment

Processing technique based on common primary treatment (gravity sedimentation), chemical-coagulation treatment, mechanical filtering or non-total biological treatment is added to improve the effect of primary treatment.



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