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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

CJ/T 309-2009

**Disposal of sludge from municipal wastewater treatment plant.
Control standard for agricultural use**

城镇污水处理厂污泥处置 农用泥质

(English Translation)

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Foreword

In order to carry out "Environmental Protection Law of the People's Republic of China", "Law of the People's Republic of China on Prevention and Control of Water Pollution", "Ocean Ring of People's Republic of China Environmental Protection Law ", " Law of the People's Republic of China on Prevention and Control of Solid Waste Pollution, "" Law on Quality and Safety of Agricultural Products, "" Land of the People's Republic of China Management Law ", in the construction of sewage treatment plants at the same time solve the problem of sludge disposal, to prevent secondary pollution, maintain a good ecological environment and improve resource the use of standards to promote the development of circular economy and eco-city construction, specially formulated this standard.

Appendix A of this standard is an informative annex.

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Water Supply and Drainage Products Standardization Technical Committee.

1 Scope

This standard specifies the urban sewage treatment plant sludge agricultural muddy indicators, sampling and monitoring requirements.

This standard applies to sludge treatment of urban sewage treatment plant sludge muddy requirements.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. All dated references, which are subsequently owned Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to reach an agreement based on this standard research Whether you can use the latest versions of these files. For undated references, the latest version applies to this standard.

GB 7959 Sanitation health standards GB/T 17134 Soil quality - Determination of total arsenic Diethyldithiocarbamate silver spectrophotometry GB/T 17135 Soil quality - Determination of total arsenic - Potassium borohydride - silver nitrate spectrophotometry Soil quality - Determination of total mercury - Cold atomic absorption spectrophotometric method Soil quality - Determination of total chromium - Flame atomic absorption spectrophotometric method Soil quality - Determination of total copper - Flame atomic absorption spectrophotometric method Soil quality - Determination of total zinc - Flame atomic absorption spectrophotometric method Soil quality - Determination of total nickel - Flame atomic absorption spectrophotometric method GB/T 17140 Soil quality - Determination of total lead KI-MIBK extraction flame atomic absorption spectrophotometry Soil quality - Determination of total cadmium - Graphite furnace atomic absorption spectrophotometric method GB 18918 urban sewage treatment plant pollutant discharge standards Polycyclic aromatic hydrocarbons - Determination of liquid chromatography Town sewage treatment plant sludge disposal classification CJ 247 Town Sewage Treatment Plant Sludge CJ 248 urban sewage treatment plant sludge disposal landscaping with mud CJ/T 3039 Methods of sampling and physical analysis of municipal solid waste HJ/T 20 Industrial solid waste sampling Sampling specifications NY/T 297 Determination of total nitrogen in organic fertilizers Determination of total phosphorus in NY/T 298 organic fertilizers Determination of total potassium of NY/T 299 organic fertilizers NY/T 302 Organic

Fertilizers - Determination of Moisture NY/T 304 organic fertilizers - Determination of total organic matter Determination of the pH of NY525 organic fertilizers

3 Terms and definitions

This standard uses the following terms and definitions.

Town sewage treatment plant sludge Urban sewage treatment plant in the sewage treatment process generated by different moisture content of semi-solid or solid material, excluding grid residue, scum and grit chamber grit.