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**INDUSTRY STANDARD OF THE
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**Self-monitoring technology guidelines for pollution sources --
General rule**

排污单位自行监测技术指南 总则（发布稿）

(English Translation)

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Foreword

For the implementation of the "People's Republic of China Environmental Protection Law" "People's Republic of China Air Pollution Control Law" "People's Republic of China and the National Water Pollution Prevention Law "to guide and regulate the sewage self-monitoring work, the development of this standard.

This standard puts forward the general requirements of self-monitoring of sewage disposal units, monitoring program development, monitoring quality assurance and quality control, Information recording and reporting of the basic content and requirements.

This standard is the first release.

This standard is proposed by the Environmental Monitoring Department of the Ministry of Environmental Protection and the Ministry of Science and Technology Standards.

The main drafting unit of this standard. China Environmental Monitoring Station.

The environmental protection department of this standard approved on April 25, 2017.

This standard has been implemented since June 1, 2017.

This standard is explained by the Ministry of Environmental Protection.

Guidelines for self - monitoring of pollutant discharge units

1 Scope of application

This standard puts forward the general requirements of self-monitoring of sewage disposal units, monitoring program development, monitoring quality assurance and quality control, Information recording and reporting of the basic content and requirements.

The unit of sewage can refer to the water, air pollutants and noise emitted by this standard in the production operation phase and the surroundings Environment quality impact to carry out monitoring.

This standard applies to the non-industry self-monitoring technical guidelines for the sewage unit; industry self-monitoring technical guidelines are not specified the contents of the implementation of this standard.

2 Normative reference documents

The contents of this standard refer to the following documents or their terms. Those who do not specify the date of the reference file, the effective version of the appropriate for this standard.

Standard for Environmental Noise Discharge of Industrial Enterprises Determination of particulate matter and sampling method of gaseous pollutants in exhaust gas of fixed pollution sources GB/T 16157 HJ 2.1 Technical Guidelines for Environmental Impact Assessment Environmental Impact Assessment Technical Guidance Atmospheric Environment HJ/T 2.3 Technical Guidelines for Environmental Impact Assessment Ground Water Environment HJ 2.4 Environmental Impact Assessment Technical Guidelines Sound Environment Technical Guidelines for Unorganized Emissions Monitoring of Air Pollutants Technical specification for continuous monitoring of flue gas emissions from fixed pollution sources of HJ/T 75 (for trial implementation) HJ/T 76 fixed pollution source flue gas emissions continuous monitoring system technical requirements and testing methods (Trial) Technical specification for surface water and wastewater monitoring Technical specification for monitoring total water pollutant discharge Technical specification for groundwater environmental monitoring Technical specification for soil environmental monitoring Technical specification for manual monitoring of ambient air quality HJ/T 353 Water Pollution Source Online Monitoring System Installation Technical Specification (Trial) HJ/T 354 Water Pollution Source Online Monitoring System Acceptance Technical Specification (Trial) HJ/T 355 water pollution source on-line monitoring system operation and assessment technical specifications (Trial) HJ/T 356 Water Pollution Source Online Monitoring System Data Validity Judgment Specification (Trial) Technical specification for HJ/T 397 fixed source exhaust gas monitoring Standard for environmental monitoring of coastal waters Technical specification for preservation and management of water quality samples Technical Guidance for Water Quality Sampling Technical specification for water quality sampling scheme design of HJ 495 HJ 610 Technical Guidelines for Environmental Impact Assessment Groundwater Environment Technical Guidelines for the Detection of Volatile Organic Compounds for Leakage and Open Level Emissions of HJ 733 "Environmental Disclosure of Enterprises and Institutions" (Ministry of Environmental Protection Decree No. 31) "National key monitoring enterprises to self-monitoring and information disclosure approach (Trial)" (Central [] 010))

3 Terms and definitions

The following terms and definitions apply to this standard.

Self-monitoring Refers to the sewage unit to grasp the unit of pollutant emissions and its impact on the surrounding environment, etc., according to the phase Customs laws and regulations and technical specifications, organized by the environmental monitoring activities.

Key pollutant discharge unit Means within the administrative area determined by the relevant department of the competent department of environmental protection of the local people's government at or above the district the focus of the sewage unit.

External monitoring point Refers to the use of sewage units (including the discharge to the public sewage treatment system) to monitor the discharge of sewage through the discharge port to the environment emissions, Waste water) contaminant status monitoring point.

Internal monitoring points Refers to the monitoring point for monitoring the import of pollution control facilities, sewage treatment plant water and other pollutants, or monitoring process the process of the impact of specific pollutants to produce emissions of the characteristics of the monitoring parameters of the bit.

4.1 Develop monitoring programs

Sewage units should identify all sources of pollution, determine the main sources of pollution and the main monitoring indicators, develop monitoring programs. Monitoring party the contents include. the basic situation of the unit, monitoring points and schematics, monitoring indicators, the implementation of standards and their limits, monitoring frequency, Sampling and sample preservation methods, monitoring and analysis methods and instruments, quality assurance and quality control.

The new sewage disposal unit shall complete the preparation of the self-monitoring program before it is put into production or use and the actual discharge action and related preparation work.

4.2 Setting up and maintaining monitoring facilities

The pollutant discharge unit shall meet the requirements for monitoring facilities required for monitoring. Waste water discharge port the monitoring platform, monitoring section and monitoring hole should be set to meet the monitoring requirements. The monitoring platform should facilitate monitoring activities, should be able to ensure the safety of monitoring personnel.

Wastewater emissions greater than 100 tons/day, should be installed automatic flow measurement facilities and carry out automatic flow monitoring.

4.3 to carry out self-monitoring Sewage units should be in accordance with the latest monitoring program to carry out monitoring activities, according to their own conditions and ability to use their own staff, Places and equipment to monitor their own; can also be commissioned by other qualified seized (monitoring) test institutions on their behalf to carry out self-monitoring.

The self-monitoring annual report on the holding of the pollutant permit can be reflected in the annual implementation report of the sewage permit.

4.4 Do a good job monitoring quality assurance and quality control

Sewage units should establish a self-monitoring quality management system, in accordance with the relevant technical requirements to do a good job monitoring quality assurance and quality Quantity control.

4.5 Record and save monitoring data

The pollutant discharge unit shall do a good job in keeping with the data records related to the monitoring and keep it in accordance with the relevant regulations and shall, in accordance with the relevant laws and regulations, to monitor the results.

5.1.1 Monitoring of pollutant emissions

Including exhaust pollutants (in an organized or unorganized form), waste water contaminants (discharged directly into the environment or discharged Public sewage treatment system) and noise pollution.

5.1.2 Peripheral environmental quality impact monitoring

Pollutant discharge standards, environmental impact assessment documents and their approval or other environmental management has a clear requirement, the sewage unit should be in accordance with the requirements of its surrounding air, surface water, groundwater, soil and other environmental quality to monitor; other sewage Bit according to the actual situation to determine whether to carry out the impact of peripheral environmental impact monitoring.

5.1.3 Monitoring of critical process parameters

In some cases, it is possible to test the key process parameters that are closely related to the generation and discharge of pollutants.

Charge pollutant discharge monitoring.