

Results of FY 2007 Comprehensive Survey on Water Pollutant Discharge

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The Ministry of the Environment (MOE) has released the Results of FY2007 Comprehensive Survey on Water Pollutant Discharge which is a basic data for the establishment or revision of effluent standards.

In order to prevent water pollution effectively, it is essential to suppress the discharge of pollutant from the various sources.

For implementation of rational and effective effluent control and guidance, it is essential to apprehend discharge source and quantity of water pollutant throughout Japan.

The survey is aiming to facilitate formulation and revision of effluent standard by grasping the changes in status of effluent including quantity of pollutant in the effluent from factories and business establishments subject to the regulation under the Water Pollution Control Law.

<Outline of the FY 2007 Comprehensive Survey on Water Pollutant Discharge>

1. Factories and business establishments subject to the survey

This survey covers factories and business establishments having specified facilities designated by the Water Pollution Control Law with average daily effluent quantity of more than 50 m3 or possibility of discharging harmful substances.

Specified facilities in the designated areas and deemed specified facilities stipulated by the Law Concerning Special Measures for the Conservation of Lake Water Quality are also included. The total number of the factories and business establishments subject to the survey is 36,194. (Table)

2. Survey method

The survey was conducted by questionnaire method. A questionnaire was individually distributed to the subjected factories and business establishments and business proprietors returned it after filling out the record of their measurement for effluent discharge.

3. Surveyed items

Items surveyed were the following four items.

- 1) Summary of factories or business establishments such as number of employees, business scale shipment values, operational status and industrial classification.
- 2) Data of water consumption and effluent.
- 3) Effluent concentration concerning the living environment items such as COD, BOD, pH.
- 4) Status of use/manufacture of harmful substances and effluent concentration.

table -----

Factories and Business Establishments by Effluent Quantity and Harmful Substances

Jurisdiction	Number	Classification by effluent quantity and harmful substances		
		(1)	(2)	(3)
Prefectures	27,787	20,087	3,634	4,066
Designated cities	8,327	5,361	1,413	1,553
Ministry of Economy, Trade and Industry	80	38	42	0
Total	36,194	25,486	5,089	5,619

Notes:

1. Classification by effluent discharge and harmful substances:
 - (1) Effluent quantity is more than 50m3/day, no possibility of discharging harmful substances.
 - (2) Effluent quantity is more than 50m3/day, possibility of discharging harmful substances.
 - (3) Effluent quantity is less than 50m3/day, possibility of discharging harmful substances
2. Designated cities are those designated by Article 10, Enforcement Ordinance for the Water Pollution Control Law.