

# III Industrial Water Supply Business



## 1 Current conditions of industrial water supply business

### 1. Current conditions

#### (1) Capacity of water supply

The Industrial Water Supply Business of Kitakyushu City has undergone several expansion works since the Kitakyushu Water Supply Association embarked on the 1st Industrial Water Supply Business in 1957.

In August, 1983, Honjo water purification plant, which had been constructed as part of the 3rd Industrial Water Supply Business and the Industrial Water Supply Business for coal mining areas, started its operation, as well as starting water intake from Onga River estuary weir. Consequently, the capacity of water supply has become 254,000m<sup>3</sup> per day.

#### Current conditions in FY 2018

As of March 31, 2019

Name of project	Kitakyushu City Industrial Water Supply
Capacity of water supply (m <sup>3</sup> /day)	254,000
Minimum Volume of Water	71
Contract water Volume (m <sup>3</sup> /day)	200,670
Yearly revenue earning water (m <sup>3</sup> )	36,946,105
Water purification plant, etc.	Honjo, Isaza, Rikimaru

\* 1st, 2nd and 3rd industrial water utilities and Industrial Water Supply for coal mining areas were consolidated into Kitakyushu City Industrial Water Supply Business. (April 1, 2008)



Inokuma Water Intake Station (completed in 1983)



Isaza Intake Treatment Plant (completed in 1944)

#### (2) Water supply establishment and revenue earning water

In FY2018, the number of customer establishments was 71 and the amount of accounted-for water was 36,946,105m<sup>3</sup> and, along with the increase of the number of companies supplied with water and the amount of contracted supply water, the amount of accounted-for water increased by 3,315,948m<sup>3</sup> (9.9%) from the previous year.



#### (3) Industrial water charge

Enforced in April 1, 2014 (charge/m<sup>3</sup> excluding tax)

Basic water amount or specific water amount	Basic water charge	Basic water use charge	Specific water charge	Specific water use amount	Excess water charge
300m <sup>3</sup> /day or less	34 yen	4 yen	34 yen	4 yen	47 yen
300m <sup>3</sup> /day or more	19.50 yen	4 yen	19.50 yen	4 yen	47 yen

(Note)

- The basic water charge is applied to basic water amount, and is calculated as 1 month basic water amount, irrespective of water use amount. Meanwhile, for the industrial water supply which is deemed to have special circumstances to be considered, such as the advancement of regional economy, etc., the basic water charge can be reduced for a certain period (a special exemption of the basic water charge).
- The basic water use charge is applied to basic water use amount.
- The specific water charge is applied to specific water use amount, and is calculated as 1 month specific water amount, irrespective of water use amount.
- The specific water use charge is applied to specific water use amount.
- The excess water charge is calculated as the highest water amount among those stated below.

(1) An excess water amount

- When water exceeding the hourly maximum water supply amount is used, a water amount calculated by deducting basic water amount or specific water amount from the hourly maximum water use amount (converted to a daily-basis).
- When a sum of the hours using water exceeding basic water amount or specific water amount (on an hourly equivalent basis) exceeds the prescribed hours, a water amount calculated by deducting basic water amount or specific water amount from the hourly maximum water supply amount (converted to a daily-basis).
- The industrial water charge shall be an amount which is obtained by multiplying an amount calculated from the table above by consumption tax rate, including local consumption tax rate (fractions of less than 1 yen to be rounded off).

