

5 Main duties of the construction offices

1. Duties concerning water utility

(1) Duties relating to construction of water service installation

The constructions relating to new construction, remodeling, repair and removal of water service installation have been executed by designated plumbing contractors for service installation (about 550 firms), and the construction offices have been giving guidance to the designated plumbing contractors for service installation, as well as conducting the duties, including the design examination and completion inspection of these constructions, etc.

Meanwhile, the designated plumbing contractors for service installation are obligated to nominate a chief plumbing engineer under the Waterworks Law.

Water Supply Construction Status for FY 2018 (Unit: case)

New construction		Modification		Removal		Total	
Yearly	Monthly average	Yearly	Monthly average	Yearly	Monthly average	Yearly	Monthly average
7,013	584	3,903	325	2,000	166	12,916	1,075

Payments classified by meter diameter when newly constructing water service installation (Unit: yen)

Meter diameter	13mm	20mm	25mm	40mm	50mm	75mm	100mm	150mm	200mm	250mm	300mm or more
Payment with diameter	44,000	72,000	220,000	734,000	1,280,000	3,530,000	7,210,000	20,000,000	40,000,000	71,000,000	112,000,000

* The payment by classified meter diameter shall be determined as the amount which is obtained by multiplying an amount as calculated from the table above by consumption tax rate, including local consumption tax rate (fractions of less than 1 yen to be rounded off).

(2) Repair work

The maintenance and management of water supply facilities, including distribution pipes, etc. have been implemented on consignment to the Pipe repairing center, which has prepared a system which could immediately respond to the accidents, etc. occurring even in the nighttime or holidays.

Repair Work Status for FY 2019 (Unit: case)

Distribution pipe	Gate valve	Air valve	Fire hydrant	Shap bit	Service pipe	Stop valve	Water meter	Service tap	Total
812	456	126	217	345	5,436	1,170	1,406	243	10,121

(3) Other duties

The construction offices have also been conducting the design, supervision and leakage survey of the capital improvement constructions of water service installation, and response to the complaints about waterworks, etc. In addition, a financing system for constructions of water service installation, etc. is instituted in Kitakyushu City, and the construction offices have also been accepting the application, etc. relating to the financing system.

Outline of the financing system for constructions of water service installation, etc.

Classification	Contents
Target person	① A person who owns water service installation. ② A person who has sufficient ability to repay the financed amount and interest thereon.
Object constructions	① A renewal for old water service installation, or against rust-colored water and poor water pressure. ② A construction for a person who shares water service installation to install new water service installation in his own house or room. ③ A new construction or renewal of the waterworks equipment in the downstream of the receiving tank. ④ A construction to newly install a water pipe of 30 meters or over in a private road, or a public road where no water pipe of Waterworks Bureau is installed (excluding water pipes relating to a housing land). ⑤ A construction to install water service installation in an existing house where no water service installation is installed.
Financing conditions	① Financing limit: 50,000 or over up to 500,000 yen for 1 subject person (in units of 10,000 yen). ② Financing amount for jointly owned facilities: Total of the amount which could be financed for the subject persons relating to the relevant construction (up to 500,000 yen for 1 subject person), provided, however, the amount is limited to 25 million yen for 1 construction. ③ Financing interest rate: 1.60% per annum (FY 2019). ④ Financing time : After the completion of the completion inspection of a construction. ⑤ Repayment method: Monthly principal and interest equal repayment from the next month of the execution of the financing. ⑥ Redemption period: 2 years if the loan amount is up to 150,000 yen, 5 years if it is over 150,000 yen and up to 500,000 yen, and 10 years if it is over 500,000 yen. ⑦ Guarantor: 1 person living in Kitakyushu City who earns his own living. ⑧ Arrearages: 14% per annum.

2. Duties concerning sewer system

(1) Design and supervision of sewer system facilities

We are carrying out supervision of the construction, reconstruction and relocation projects for the sewer system facilities and design and supervision of the projects for the small-scale sewer system facilities.

Number of construction projects in FY 2018

Moji	Kokurakita	Kokuraminami	Wakamatsu	Yahatahigashi	Yahatanishi	Tobata	Total
17 (4)	29 (5)	26 (7)	11 (1)	24 (1)	36 (7)	10 (0)	153 (25)

() Figures in the parentheses indicate the number of construction projects ordered by the offices.

(2) Duties of sewerage equipment

We are carrying out such services related to the sewerage equipment as acceptance of applications, examination of the contents and completion inspections in the object areas of sewerage treatment.

In addition, we are carrying out such services related to the installation of public pits as acceptance of applications and execution of works.

Number of inspections for sewerage equipment in FY2018

Moji	Kokurakita	Kokuraminami	Wakamatsu	Yahatahigashi	Yahatanishi	Tobata	Total
276	473	763	313	122	610	102	2,659

Number of public pits installed in FY2018 (including maintenance of existing pits)

Moji	Kokurakita	Kokuraminami	Wakamatsu	Yahatahigashi	Yahatanishi	Tobata	Total
64	84	171	53	27	165	20	584

(3) Other duties

We have been receiving various complaints from the citizens concerning discharge or odor of miscellaneous drainage, etc. In this case, we conduct an investigation on the site, and give instructions for improvement to the causative persons.

6 Public relations activities

It is important to win the understanding and cooperation of the citizens for smooth operation of the water utility and sewer system projects. In Kitakyushu City, we have been conducting a variety of public relations activities in order to have the significance of water utility and sewer system projects understood such as the importance of water and functions of the sewer system.

Implementation of various events

(1) Organizing various events

a. Events about "the Waterworks Week"

"Waterworks Week," which has begun in 1959, is the week from the 1st of June to 7th, when various events sponsored by the Ministry of Health, Labor, and Welfare, are held. In Kitakyushu City, promotion events to promote knowledge of and interest in waterworks and to have people realize safety and taste of tap water were held.

b. Events related to the Sewer Systems' Day

Each ward office in the city displayed vertical banners for the "Sewer Systems' Day" around September 10, exhibited panels at "Murasaki-gawa Festival" and "Municipal information center", distributed PR brochure in front of JR Kokura Station and performed other activities in order to boost citizens' awareness about sewer system.



Exhibition booths of Murasaki River festival 2019

(2) Distribution of pamphlets etc.

a. "Outline of Water Utility and Industrial Water Supply Business"

b. "Outline of Water and Sewer Bureau's Facilities"

Outline of facilities of each water purification plant, sewage treatment plant and the Water Quality Research Laboratory is explained for distribution to the visitors, etc.

c. "Our water supply and sewer system"

As a social studies supplementary reader for elementary school pupils, this document has been distributed to the pupils in the 3rd and 4th grade elementary school classes in Kitakyushu City.



Pamphlets

d. "Water supply and sewer system in our lives"

As a PR magazine relating to water utility and sewer system, this pamphlet describes the activities of the water utility and sewer system projects in an easy-to-understand manner and has been distributed to all households once a year.

e. "Water and Sewer Bureau's website"

Website URL: <https://www.city.kitakyushu.lg.jp/suidou/>

(3) Water utility and sewer system monitoring project

We implemented this project for the purpose of making the monitors consisting of the citizens selected from among applicants understand and deepen their confidence in the water utility and sewer system projects of Kitakyushu City through experimental learning such as study sessions, visits to the facilities, as well as having them convey their knowledge they have learned in the study sessions to the people of the community.