

2. Main water supply facilities

In order to supply necessary water for industrial activities, there are a variety of Industrial water supply facilities in the course until water is supplied to each demander from water resources, and such facilities can be broadly classified into

water storage facilities, water intake facilities, water conveyance facilities, water purification facilities, water transmission facilities and water distribution facilities, same as those for public water.

The outline of the facilities in Kitakyushu City as of March 31, FY2019 is as follows.

(1) Water storage facilities (shared with supply water)

Name	Effective storage capacity (m ³)	Location	River system
Rikimaru Dam	12,500,000	Left shore: Shimo, Miyawaka-shi, Right shore: Miyata, Miyawaka-shi	Onga River
Tonda No.1 Reservoir	4,400,000 (Pumping up from Isaza Intake Plant)	Tonda, Wakamatsu-ku	
Tonda No.2 Reservoir	4,750,000 (Pumping up from Isaza Intake Plant)	Tonda Wakamatsu-ku and Oaza Takenami, Wakamatsu-ku	
Onga Estuary Weir	8,840,000	Left shore: Gion, Ashiya-machi, Onga-gun, Right shore: Inokuma, Mizumaki-machi, Onga-gun	

(2) Intake facilities (shared with public water)

Name	Intake capacity (m ³ /day)	Location	River system
Isaza Intake Treatment Plant	209,400	Futanishi 4-chome, Mizumaki-machi, Onga-gun	Onga River
Inokuma Water Intake Station	63,200	Inokuma, Mizumaki-machi, Onga-gun	Onga River (Onga Estuary Weir)

(3) Water conveyance facilities (water conveyance channels)

Diameter (mm)	300	400	500	600	700	800	900	1,000	1,100	1,200	1,350	1,500	Water channel	Total
Length (m)	28	17	42	4	22	1,020	23	7,253	175	17,348	11,719	12	3	37,666

(4) Water purification facilities

Name	Treatment method	Purification capacity (m ³ /day)	Location	Water source
Honjo Water Purification Plant [1st]	Sedimentation	70,000	Ohiraki 5-chome, Yahatanishi-ku	Isaza Intake Treatment Plant (Tonda Reservoir)
Isaza Intake Treatment Plant [2nd]	Sedimentation	112,000	Futanishi 4-chome, Mizumaki-machi, Onga-gun	Isaza Intake Treatment Plant (Onga Runoff)
Honjo Water Purification Plant [3rd]	Sedimentation	72,000	Ohiraki 5-chome, Yahatanishi-ku	Inokuma Water Intake Station (Onga Estuary Weir)

(5) Water transmission facilities (transmission pipes)

Diameter (mm)	200	250	300	350	400	450	500	600	700	800	900	1,000	1,200	1,350	Total
Length (m)	571	20	46	5	154	8,639	592	13	783	8,628	8,163	120	47		27,781

(6) Water distribution facilities

a. Distribution reservoirs

Name	Capacity (m ³) x (reservoir)	Location	Water source
Shiroyama Distribution Reservoir	4,400×2	Yashiki 1-chome, Yahatanishi-ku	Honjo Water Purification Plant
Hikino Distribution Reservoir	3,650×1	Besshomachi, Yahatanishi-ku	Isaza Intake Treatment Plant
Hatadani Distribution Reservoir	1,000×1	Hatadani machi, Wakamatsu-ku	Honjo Water Purification Plant
Odake Distribution Reservoir	2,080×1 2,680×1 3,200×1	Oaza Kotake, Wakamatsu-ku	Honjo Water Purification Plant

b. Distribution pipes

Diameter (mm)	50	75	100	150	200	250	300	350	400	450	500	600	700	800	900	1,000	Total
Length (m)	5	33	2,689	4,524	5,231	2,850	4,003	8,244	9,406	6,594	785	16,912	21,294	1,675	8,419	35	92,700

3. Financial conditions

(1) Outline of financial conditions of industrial water business

In FY2018, we promoted the reconstruction projects for industrial water supply facilities to ensure stable water supply.

In the financial aspect, a fund shortfall of 7.21 million yen on a single-year basis was recorded but, on a cumulative basis, fund surplus of 177.611 million yen was secured, which has resulted in continuous and stable business operation.

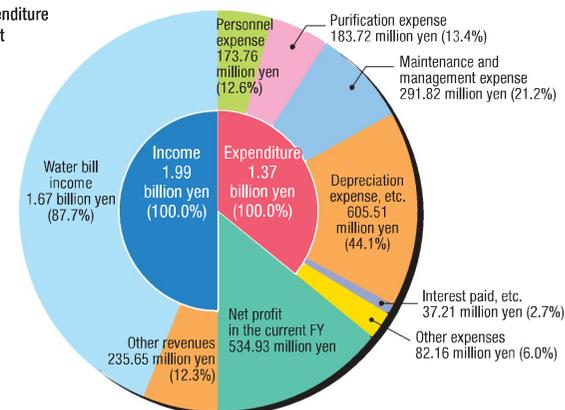
(2) Account settlement in FY2018 (including tax)

a. Operating revenue and expenditure

Revenues consisted of operating revenue of 1,673.46 million yen (including a water bill income of 1,673.46 million yen), a non-operating revenue of 235.56 million yen and an extraordinary profit of 80 thousand yen, totaling 1,909.11 million yen. On the other hand, expenditures consisted of an operating

expense of 1,293.65 million yen, non-operating expense of 78.98 million yen and an extraordinary expense of 1.55 million yen, totaling 1,374.18 million yen. Consequently, 534.93 million yen profit was gained in FY2018.

Operating revenue and expenditure as of the account settlement in FY 2018

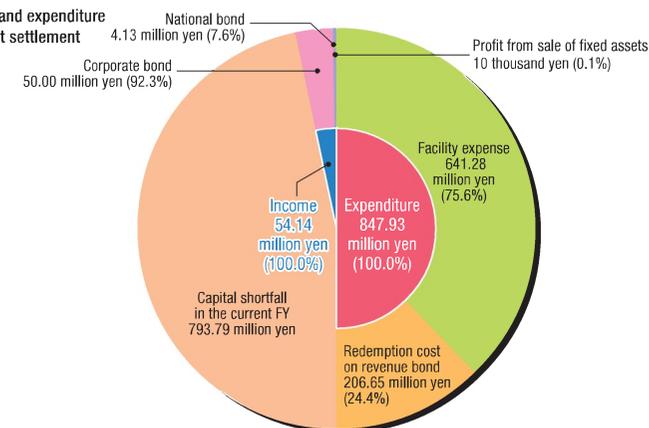


b. Capital revenue and expenditure

A corporate bond of 50 million yen, a national subsidy 4.13 million yen and a profit from sale of fixed assets of 10 thousand yen, which resulted in 54.14 million yen in total. On the other hand, regarding expenditures, a facility expense of 641.28

million yen and redemption cost on a revenue bond of 206.65 million yen were recorded, which amounted to 847.93 million yen in total. Consequently, a capital shortfall of 793.79 million yen was recorded as the balance of revenue and expenditure.

Capital revenue and expenditure as of the account settlement in FY 2018



c. Fund balance

A capital shortfall of 793.79 million yen arising out of the capital revenue and expenditure was compensated for by the reserved fund of profit and loss account, etc. Consequently, a fund shortfall of 7.21 million yen was recorded on a single-year basis. The cumulative fund surplus at the end of FY2018 was 1,776.11 million yen.