

■ Mid-term Management Targets (22 items)

Ideal Vision	Indicators	Desirable Change	Estimate for FY2014	Targets for FY2019
1. A Disaster-resilient and Reliable Waterworks (12 Items)	(1) Reinforce Disaster-resistant Facilities and Systems			
	Ratio of earthquake-resistant pipelines	↑	86.1%	87%
	Number of locations with earthquake-resistant pipelines connected to disaster hub hospitals and other facilities	↑	21	more than 30
	Percentage of earthquake-resistant distribution reservoirs	↑	19%	50%
	Residual ratio of leaden pipes installed under public roads	↓	4.2%	0%
	Effective water supply ratio (water distributed from purification plants to end users)	↑	96.5%	97%
	(2) Improve Disaster Response Capability			
	Number of locations with water hydrants for emergency water supply available during a disaster	↑	94	more than 180
	Percentage of major purification plants implementing countermeasures against long-term blackouts	↑	25%	100%
	Number of locations equipped with a water supply base for water tank trucks	↑	3	5
	Number of times emergency drills with local communities and other cities were implemented	↑	FY2010-FY2014 : 62	FY2015-FY2019 : 150
	(3) Provide Thorough Water Quality Management			
	Percentage of major purification plants that have introduced advanced water treatment facilities	↑	50%	100%
	Achievement rate of good tasting water using musty smell as a criterion	↑	100%	100%
	Achievement rate of safe, good quality of drinking water using the density of total trihalomethane as a criterion	↑	100%	100%
2. An Ecologically-friendly and Sustainable Waterworks (10 Items)	(1) Implement Environmentally-friendly Projects			
	Amount of electricity generated from renewable sources each year	↑	30,000kWh	1,000,000kWh
	Electricity consumption per cubic meter of distributed water	↓	0.15kWh/m ³	Reduced in comparison with FY2008 (under 0.15kWh/m³)
	Number of next generation vehicles introduced	↑	22	more than 50
	Utilisation rate of soil generated in the water purification process	↑	87.5%	100%
	(2) Implement Customer-oriented Projects			
	Phone call response rate at customer service centres	↑	FY2010-FY2014 average of 70%	more than 85%
	Number of visitors to the Sendai Waterworks Memorial Hall per year	↑	FY2010-FY2014 average of 7,045 visitors	more than 10,000 visitors
	Participant satisfaction with our various events	↑	80%	over 90%
	(3) Promote City-run Business Management			
Chargeable water rate (percentage of the metered quantity of tap water distributed from water purification plants to customers)	↑	94.1%	94.6%	
Balance of enterprise bonds (debts) (an index showing how much the balance of debts is per annual water charge income, in addition to the safety of the current financial situation)	↓	3 times	Under 3 times	
Ordinary balance ratio (an index showing how much the revenue, including water charges, covers the expenses, including operating costs, of supplying water)	—	106.8%	More than 100%	

City of Sendai Waterworks Projects Mid-term Management Plan

(FY 2015 - FY 2019)

[Digest Version]



Sendai Waterworks Memorial Hall

Editing and Printing: Planning and Finance Section,
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Please see the following website for details.

Waterworks Bureau: <http://www.suidou.city.sendai.jp/>



City of Sendai Waterworks Projects Mid-term Management Plan (FY 2015 - FY 2019)

Pyramid of the City of Sendai Waterworks Project Plan

Basic Philosophy

City of Sendai Waterworks projects stably and reliably continuing to support the future of 'the City of Trees'.



The City of Sendai draws up 10-year basic plans for waterworks projects. In order to execute these plans, the City of Sendai Waterworks Projects Mid-term Management Plans are formulated every five years. I'll tell you about the Mid-term Management Plan for the next 5 years!



Water:
The Character of
the City of Sendai
Waterworks Bureau

Management Prospectives (FY 2015 - FY2019)

<Prospective Water Supply>

◆ While the number of people receiving drinking water from the City of Sendai's waterworks supply is expected to increase, the supply volume and the volume actually consumed are expected to continue their declining trend.

<Prospectives Revenue and Expenditure>

◆ Although a decline in revenue from supplying water and a rise in costs for construction improvements is predicted, it is expected that stable project management will be maintainable.

We will proceed diligently with this plan to ensure the supply of safe, secure, and good-tasting tap water for all!



Progressing with Plan Management

- ◆ Carry out definite process management based on the PDCA cycle.
- ◆ We will inform customers of our progress on our official website, and by publishing newsletters annually.

Shape of Mid-term Management Plan (FY 2015- FY2019)

