FY2024 Digest

Main efforts of FY2024 will be introduced in digest

Major Policies for Sewerage System in 23 Wards

Reconstruction (Sewer Pipes)

We have been promoting reconstruction aiming at reinforcing capacities for rainwater drainage and improving seismic resistance in accordance with measures for aging sewer pipes.

Reconstruction of sewer pipes 【Reconstruction of branch sewers】

Area where the branch sewers of the first stage reconstruction were rebuilt

606ha

Annual Target Value 700ha

Reconstruction of sewer pipes 【Reconstruction of trunk sewers】

Length of reconstructed trunk sewers

9km

Annual Target Value 7km

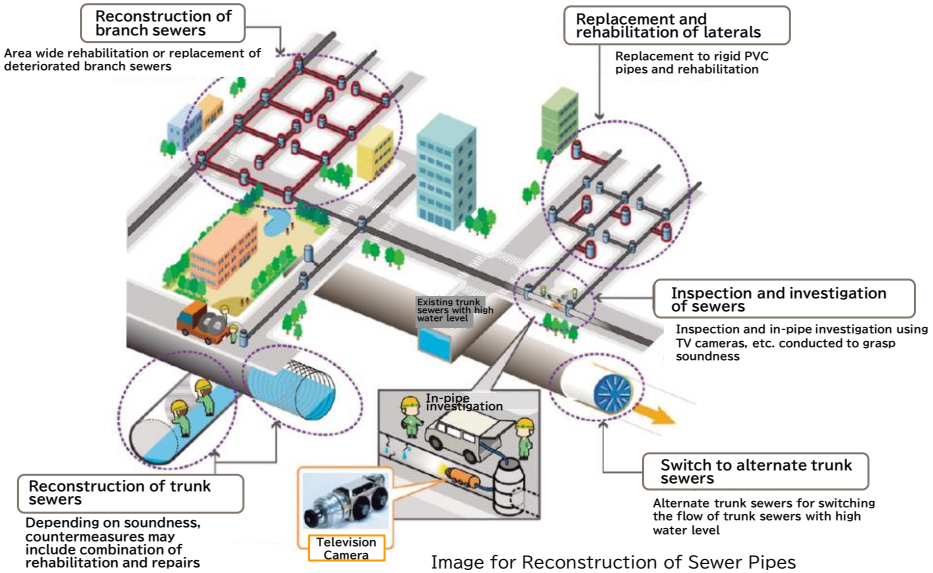


Image for Reconstruction of Sewer Pipes

Reconstruction (Water Reclamation Centers/Pumping Stations)

We have been promoting reconstruction aiming at reinforcing capacities for rainwater drainage, improving seismic resistance and maintainability and increasing energy efficiency etc. in accordance with measures for deteriorated sewer pipes.

Reconstruction of Water Reclamation Centers / Pumping Stations

Number of reconstructed main facilities

52 facilities

Annual Target Value 50 facilities

Power Generation Facilities After Reconstruction (Umeda Pumping Station)

Flood Control

By promoting development of sewerage facilities to respond to hourly rainfall of 75 mm based on Tokyo Metropolitan Government Basic Policy for Heavy Rain Countermeasures, reducing damages due to rainfall inundation.

Key Areas

One area completed

Annual Target Value One area

https://www.toshiseibi.metro.tokyo.lg.jp/kiban/gouu_houshin/index.html

Tokyo Metropolitan Government has revised Tokyo Metropolitan Government Basic Policy for Heavy Rain Countermeasures in December 2023, taking into account the impacts of climate change.

FY2024 Digest

Main efforts of FY2024 will be introduced in digest

Major Policies for Sewerage System in 23 Wards

Countermeasures For Earthquake Disaster

In order to secure sewerage system functions and traffic functions in the event of earthquake disasters, we have been promoting earthquake disaster countermeasures for sewer pipes. Additionally, in water reclamation centers and pumping stations, we have been promoting earthquake disaster measures including promotion of earthquake resistance etc.

Earthquake Disaster Countermeasures for Sewer Pipes

Number of facilities for which earthquake resistance for sewer pipes to accept wastewater has been provided

243 facilities

Annual Target Value
256 facilities

Earthquake Disaster Countermeasures for Sewer Pipes

Length of roads for which manhole float prevention measures have been taken

83km

Annual Target Value
78km

Earthquake Disaster Countermeasures for Sewer Pipes

Areas for which earthquake disaster countermeasures are taken in designated Remaining Area within the District

459ha

Annual Target Value
389ha

Earthquake Disaster Countermeasures for Water Reclamation Centers/Pumping Stations

Number of facilities for which earthquake resistance for all their systems are completed

3 facilities

Annual Target Value
2 facilities

In the event of Great East Japan Earthquake (2011)→

In the event of Noto Peninsula Earthquake (2024)→

Manhole Float Damage Cases

Improvement of Combined Sewer System

We have been promoting water quality improvement including promoting development of facilities to store especially polluted wastewater in the early stage of rainfall.

Storage Volume of Storage Facilities etc.

Improvement Work On-going

Five-Year Plan Target Value
Sum Total
1.75 million m³

Storage Facility within Oji No.2 Pumping Station under Construction

Energy Management and Global Warming Countermeasures

Based on policies of “Earth Plan 2023”, Plan for Global Warming Prevention in sewerage system, we have been contributing to realization of an environmentally friendly city by proactively reducing energy consumption and greenhouse gas emissions.

Number of Energy-Saving Devices Introduced

11devices

Annual Target Value
9 devices

Upgrade to Energy Self-Sufficient Incinerator

Upgrading Work for Incinerator On-going

Five-Year Plan Target Value
Sum Total
3 incinerators

Energy Self-Sufficient Incinerator under Construction (Nanbu Sludge Plant in Tokyo)

FY2024 Digest

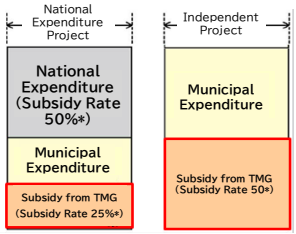
Main efforts of FY2024 will be introduced in digest

Major Policies for Sewerage System Tamagawa River Basin

Strengthening Collaboration with Municipalities

Along with bolstering flood control/earthquake disaster measures of public sewerage in municipalities by Subsidy Program for Enhancing Resilience, we have been working on technical assistance including provision of expertise on maintenance and management work toward sustainable operation of sewerage work.

☛Implementing financial support for project contributing resilience in 23 cities and towns



In case of sewer pipes

☛ Holding 20 meetings or more for information exchange on sewerage work of TMG and local governments


Status of Meeting for Information Exchange on Sewerage Work

Rainwater Countermeasures

In the areas having difficulties in rainwater drainage solely by the cities, by developing trunk sewers for rainwater in wide area drainage basin covering multiple cities, we have been working on reduction of flood damages in collaboration with cities.

Rainwater Countermeasures by Sewerage Trunk Sewers for Rainwater in Drainage Basis

Promoting Trunk Sewer Project for Rainwater in the Upstream of Karabori River On-going


Trunk Sewer for Rainwater in the Upstream of Karabori River under Construction Approximately 20 meter below the Ground Level

Improvement of Quality for Treated Water

For further improvement of quality of treated wastewater, in accordance with reconstruction of facilities, we have been promoting introduction of facilities for advanced treatment and semi-advanced treatment.

Capacities Combining Advanced Treatment and Semi-Advanced Treatment

50,000m³/day

Annual Target Value 70,000 m³/day


Semi-advanced Treatment Facility (Kiyose Water Reclamation Center)

Energy Management and Global Warming Countermeasures

Based on policies of “Earth Plan 2023”, we have been contributing to realization of an environmentally friendly city by promoting energy management and global warming countermeasures.

Introduction of Energy Self-Sufficient Incinerator

Upgrading Work of Incinerator On-going


Energy Self-Sufficient Incinerator under Construction (Kita-Tama No.1 Water Reclamation Center)

FY2024 Digest

Main efforts of FY2024 will be introduced in digest

Efforts to Enhance Reliability in Sewerage System of Tokyo

Enhancement of Maintenance and Management

In response to the road collapse that occurred in Yashio City, Saitama Prefecture on January 28, 2025, we patrolled national highways and Tokyo municipal roads and confirmed that there was no abnormality on them by conducting emergency inspection for sewer pipes.

☛Having confirmed that there was no abnormality on sewer pipes
☛Having confirmed that there were no pothole arising from sewer pipes

Bureau of Sewerage has been steadily implementing daily maintenance and management toward ensuring safety and security of Tokyo citizens.

Emergency Inspection of Sewer Pipes

Emergency Inspection in Response to the Request from the National Government

Approximately **19**km

Additional Emergency Inspection by Bureau of Sewerage

Approximately **24**km

Collaboration in the Event of Disaster Occurrence

Bureau of Sewerage has been regularly implementing practical trainings with relevant agencies aiming at enhancement of collaboration by preparing for unpredictable disasters.

☛We have conducted drills to load in/accept excrement with municipalities to enable smooth loading in/acceptance of excrement caused in evacuation shelters in the case where sewer pipes are damaged due to disasters.

Status of Drills in Collaboration with Wards (roads of Edogawa Ward)

Drills to Load in/Accept Excrement

Implementing Drills in Collaboration with
18 wards in 23 wards area and
30 cities/towns/village in Tama Area

International Expansion

By leveraging our strengths including technological capabilities and management expertise that we have developed so far, we have been internationally expanding sewerage technologies.

Technological Support

Technological support in overseas cities
Having implemented in **2** cities.

☛In FY2024, we have provided technological support for Dhaka Water Supply and Sewerage Authority, and Mongolia Ulaanbaatar Water Supply and Sewerage Authority through "JICA Partnership Program: JPP".

Training in Japan of "JICA Partnership Program: JPP".

Public Relations

By communicating the mechanism which people normally have few opportunities to observe, the roles that sewerage systems play and challenges that such systems have in an easy-to-understand manner, we have been working on further improvement of people's awareness and level of understanding and enhancement of image for sewerage system.

Classes on Demand

Having provided
883 classes at **505** schools
targeting at 4th Grade elementary school students

☛In FY2024, we will continue the efforts that we have made so far and delivered new information including posting website advertisement on Instagram.

Posting website advertisement on Instagram ("Oil-free, Clean, Comfortable Sewerage" Campaign Enhancement Month)