

Water Supplies Department Corporate Video

Narrator : Provision of quality water supply services to our people is of utmost importance to daily life and sustainable social development.

Super : **Milestones of Water Development**
Stream of Memories

Narrator : For more than 170 years, the Water Supplies Department constantly develops and optimises the city's water supply system. From development to management, innovation to application, and protection to conservation, we continue to improve to meet public expectations on water supply services.

We bring together talents in various fields to take charge of the operation and maintenance of the city's water supply and distribution systems to make the 24-hour water supply even more stable and reliable. Drinking water quality can be assured through a comprehensive and rigorous water quality monitoring regime.

However, climate change and the growth of water demand pose challenges to our future water supply.

Super : Total Water Management Strategy

Water Supply Management

Seawater Desalination

Grey Water Recycling

Water Reclamation

Water Demand Management

Enhancing Water Loss Management

Promoting Water Conservation

Narrator : As such, WSD implements the Total Water Management Strategy by adopting a two-pronged approach to contain the growth of water demand and increase water resilience.

Super : Enhancing Water Loss Management

Water Intelligent Network (WIN)

Narrator : To manage water loss, WSD implements the Water Intelligent Network by establishing District Metering Areas to constantly monitor the healthiness of the water supply network.

Super : Risk-based Improvement Programme of Water Mains

Narrator : Risk-based Improvement Programme of Water Mains serves to accord priorities to water mains with high risks for rehabilitation or replacement works to reduce the risk of water main bursts or leaks.

Super : Automatic Meter Reading (AMR) System

Narrator : We also introduced the Automatic Meter Reading System to optimise data management for water consumption.

In the meantime, WSD adopts a multi-pronged approach to promote water conservation...

Super : The H2OPE Centre

Enterprises Cherish Water Campaign Awards Ceremony 2022

Water conservation campaigns

WSD Open Day

Excursion with Water Save Dave

Promoting Water Conservation

Water Efficiency Labelling Scheme (WELS)

Narrator : and implement the Water Efficiency Labelling Scheme to encourage the public to choose high efficiency water-consuming devices.

Super : **Exploring new water sources**

Narrator : To build a more resilient portfolio of water resources, we actively explore new water sources...

Super : Seawater Desalination
Tseung Kwan O Desalination Plant

Narrator : which include the adoption of reverse osmosis desalination technology to produce fresh water which is in compliance with the Hong Kong Drinking Water Standards, promoting the use of recycled water...

Super : Shek Wu Hui Water Reclamation Plant
Grey Water Treatment Plant for Development of Anderson Road Quarry Site

Narrator : and constructing the seawater flushing systems to save more fresh water.

Super : Seawater flushing systems
Tung Chung Salt Water Pumping Station

Narrator : With more diversified water resources in future, we can better withstand the various challenges in water supply.

Super : **Continuous Innovation to Enhance Efficiency**

Narrator : WSD leverages on innovation and technology. For instance, we have introduced the Unmanned Surface Vessel System to perform water quality monitoring at impounding reservoirs.

Super : Unmanned Surface Vessel (USV) System for Water Quality Monitoring

Narrator : We are exploring renewable energy projects for progressively advancing to carbon neutrality.

Super : Floating Solar Power System
Hydropower Plant

Narrator : We set up Q-Leak, the underground water mains leak detection training centre to enhance leak detection technology and operation efficiency.

Super : Q-Leak

Super : **Leveraging the support from our Motherland while engaging with the world**

Narrator : We actively share experiences and encourage exchanges with our regional and international counterparts, so as to enable Hong Kong to continue to capitalise on its unique edges.

Super : The 5th Guangdong-Hong Kong-Macao Greater Bay Area Water Forum

The second National Water-Saving Innovation and Development Conference

The 8th International Water Association Asia Pacific Regional Group Conference and Exhibition

Singapore International Water Week 2023

New Engineering Contract (NEC) Awards Presentation Ceremony 2023

Visit and meet with Shanghai Water Authority

WSD became a member of the Leading Utilities of the World (IUOW)

Narrator : enhance efficiency through innovation
conserve water and explore new water resources
make water-smart city a reality

Super : Water Supplies Department logo
