

**Water Supplies Department (WSD)**

**Open Data Plan for 2022 to 2024**

**A. Departmental datasets to be released in 2022**

<b>#</b>	<b>Type of Data/ Name of Dataset</b>	<b>Target Release Date (in mm/yyyy)</b>	<b>Frequency of Update</b>	<b>Remarks</b>
1	City Management / Renewable Energy Generated by Land-based Photovoltaic Systems in Waterworks Installations (kWh)	04/2022	Annually	Data on renewable energy generated in kWh/year, etc. will be made available in machine-readable format (CSV) for access through PSI Portal.
2	City Management / Renewable Energy Generated by Floating Photovoltaic Systems in Impounding Reservoirs (kWh)	04/2022	Annually	Data on renewable energy generated in kWh/year, etc. will be made available in machine-readable format (CSV) for access through PSI Portal.
3	City Management / Renewable Energy Generated by Hydropower Plants in Waterworks Installations (kWh)	04/2022	Annually	Data on renewable energy generated in kWh/year, etc. will be made available in machine-readable format (CSV) for access through PSI Portal.
4	Miscellaneous / No. of Man-hours for WSD Volunteers	04/2022	Annually	Data on no. of man-hours for WSD volunteers will be made available in machine-readable format (CSV and Excel) for access through PSI Portal.

**B. Departmental datasets to be released in 2023 and 2024**

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	City Management / Statistics on Enforcement Action against Private Water Pipe Leakages	01/2023	Annually	Statistics on WSD's enforcement action against private water pipe leakages will be made available in machine-readable format (CSV) for access through PSI Portal.

**C. Datasets planned to be opened up by other organisations**

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	N/A	N/A	N/A	N/A

**D. Progress: Datasets already uploaded to PSI Portal by Department and other organisations**

#	Type of Data/ Name of Dataset	Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	City Management / Drinking Water Quality	05/2018	Every 6 months	Statistics on drinking water quality in CSV and Excel format is made available for access through PSI Portal.
2	City Management / Dongjiang Water Quality	07/2018	Every 6 months	Statistics on Dongjiang water quality in CSV and Excel format is made available for access through PSI Portal.
3	City Management / Data on Water Resources	01/2019	Annually	Data on Water Resources with rainfall, local yield and Dongjiang water supply from Guangdong, etc. is made available in machine-readable format (CSV) for access through PSI Portal.

4	City Management / Expenditures on purchasing Dongjiang water	01/2019	Updated only when new Dongjiang water agreement has been signed	Data on Expenditures on purchasing Dongjiang water with expenditure, change and average unit cost, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
5	City Management / Storage Position of Impounding Reservoirs	01/2019	Weekly	Data on Storage Position of Impounding Reservoirs with total storage of impounding reservoirs and percentage of full, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
6	City Management / Storage Position of Individual Impounding Reservoirs	01/2019	Twice a month	Data on Storage Position of Individual Impounding Reservoirs with storage of individual impounding reservoir and percentage of full, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
7	City Management / Indoor Air Quality	02/2019	Annually	Data on Indoor Air Quality with the indoor air quality in WSD premises, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
8	City Management / Data on Water Quality Control	03/2019	Annually	Data on Water Quality Control with number of water samples, etc. is made available in machine-readable format (CSV and Excel) for access through PSI Portal.
9	City Management / Statistics on Water quality of Dongjiang's Main Stream in 2016 as Monitored at the East Bank Section	03/2019	Annually	Statistics on Water quality of Dongjiang's Main Stream in 2016 as Monitored at the East Bank Section with water quality monitoring results, etc. is made available in machine-readable format (CSV and Excel) for access through PSI Portal.
10	Miscellaneous / Staff Establishment	04/2019	Monthly and Annually	Data on Staff Establishment with the establishment of staff members in WSD, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
11	City Management / Per Capita Electricity Consumption (Fresh Water and Raw Water)	04/2019	Annually	Data on Per Capita Electricity Consumption (Fresh Water and Raw Water) with the electricity consumption in Kwh/Head/Year, etc.

				is made available in machine-readable format (CSV) for access through PSI Portal.
12	City Management / Unit Electricity Consumption (Fresh Water and Raw Water)	04/2019	Annually	Data on Unit Electricity Consumption (Fresh Water and Raw Water) with the unit electricity consumption in Kwh/m <sup>3</sup> , etc. is made available in machine-readable format (CSV) for access through PSI Portal.
13	City Management / Per Capita Electricity Consumption (Sea Water)	04/2019	Annually	Data on Per Capita Electricity Consumption (Sea Water) with the electricity consumption in Kwh/Head/Year, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
14	City Management / Unit Electricity Consumption (Sea Water)	04/2019	Annually	Data on Unit Electricity Consumption (Sea Water) with the unit electricity consumption in Kwh/m <sup>3</sup> , etc. is made available in machine-readable format (CSV) for access through PSI Portal.
15	City Management / Office Electricity Consumption Per Unit Floor Space	04/2019	Annually	Data on Office Electricity Consumption Per Unit Floor Space with the electricity consumption in Kwh/m <sup>2</sup> , etc. is made available in machine-readable format (CSV) for access through PSI Portal.
16	City Management / VOC Consumption for In-house Work	04/2019	Annually	Data on VOC Consumption for In-house Work by types of VOC, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
17	City Management / GHG Emissions due to Electricity Used for Fresh Water Processing by WSD	04/2019	Annually	Data on GHG Emissions due to Electricity Used for Fresh Water Processing by WSD in kg CO <sup>2</sup> /m <sup>3</sup> , etc. is made available in machine-readable format (CSV) for access through PSI Portal.
18	City Management / Emissions	04/2019	Annually	Data on Emissions with direct and indirect emissions, etc. is made available in machine-readable format (CSV) for access through PSI Portal.

19	City Management / Information on Vehicle Pool Transport	05/2019	Annually	Information on Vehicle Pool Transport with No of Government Vehicles in Operation, Total Fuel Consumption and Total mileage, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
20	City Management / Total Average Daily Consumption (Fresh Water and Salt Water)	06/2019	Annually	Data on Total Average Daily Consumption (Fresh Water and Salt Water) with fresh water and salt water daily average consumption in million cubic metres, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
21	City Management / Annual Fresh Water Consumption (by Sector) in Million Cubic Metres (MCM) and Percentage of Total	06/2019	Annually	Data on Annual Fresh Water Consumption (by Sector) in Million Cubic Metres (MCM) and Percentage of Total with fresh water consumption is made available in machine-readable format (CSV) for access through PSI Portal.
22	City Management / Per Capita Domestic Fresh Water Consumption	06/2019	Annually	Data on Per Capita Domestic Fresh Water Consumption with per capita fresh water consumption in Litres/day is made available in machine-readable format (CSV) for access through PSI Portal.
23	City Management / Per Capita Flushing Water Consumption (Fresh Water & Sea Water)	06/2019	Annually	Data on Per Capita Flushing Water Consumption (Fresh Water & Sea Water) with per capita flushing water consumption in Litres/day is made available in machine-readable format (CSV) for access through PSI Portal.
24	City Management / Annual Statistic of Enhanced Water Monitoring Programme for 18 Districts.	06/2019	Annually	Annual Statistic of Enhanced Water Monitoring Programme for 18 Districts with the water quality data for 18 districts, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
25	City Management / Accident Rate for Waterworks Contracts	07/2019	Annually	Data on Accident Rate for Waterworks Contracts with accident rate in monthly average overall and 3 months' average overall, etc. is made available in machine-readable format (CSV) for access through PSI Portal.

26	City Management / Data on Water Consumption	08/2019	Annually	Data on Water Consumption with fresh water daily average, salt water daily average and growth rate, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
27	City Management / Length of Water Mains and Tunnel	08/2019	Annually	Data on Length of Water Mains and Tunnel with the length of fresh water and salt water mains and length of tunnel, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
28	City Management / List of Waterworks Installations	08/2019	Annually	“List of Waterworks Installations” with official name, address, water type and capacity, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
29	City Management / Carbon Audit Report	04/2020	Annually	Statistics on Carbon Audit Report in Tonnes of CO <sub>2</sub> - equivalent, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
30	City Management / Annual Quantity of Fresh Water Supply	06/2020	Annually	Statistics on Annual Quantity of Fresh Water Supply with the quantity of Dongjiang Water and Hong Kong’s catchments, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
31	City Management / Sea Water for Flushing Consumption	06/2020	Annually	Statistics on Sea Water for Flushing Consumption in million cubic metres, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
32	Environment / Water Dispensers in WSD Venues	06/2020	Annually	Statistics on Water Dispensers in WSD Venues with type of water dispenser, address, longitude and latitude, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
33	City Management / List of Waterworks Installations	08/2020	Annually	“List of Waterworks Installations” with official name, address, water type and capacity and XY coordinates, etc. is made available in machine-readable format (CSV and JSON) for access through PSI Portal.

34	City Management / Statistics on Water Mains Bursts	04/2021	Annually	Statistics on Water Mains Bursts with no. of mains bursts by year, etc. is made available in machine-readable format (CSV) for access through PSI Portal.
35	Finance / Departmental Expenditure for Water Supplies Department	07/2021	Annually	Departmental Expenditure for Water Supplies Department is made available in machine-readable format (CSV and Excel) for access through PSI Portal.
36	City Management / List of Waterworks Installations	08/2021	Annually	<p>“List of Waterworks Installations” with official name, address, water type and capacity and XY coordinates, etc. is made available in machine-readable format (CSV, JSON and GEOJSON) for access through PSI Portal.</p> <p>(Note: The above dataset in different data formats have been opened up in #28 and #33 of Part D.)</p>

**Water Supplies Department  
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