

## **Drainage Services Department**

### **Spatial Data Plan for 2022 to 2024**

#### **A . Departmental datasets to be opened up in 2022**

<b>Item No.</b>	<b>Type of Data</b>	<b>Name of Dataset</b>	<b>General Description</b>	<b>Target Release Date (in mm/yyyy)</b>	<b>Update Frequency</b>
1	Utilities	Box Culvert / Tunnel Path (Sewage)	Path of box culvert / tunnel (sewage)	12/2022	Quarterly
2	Utilities	Box Culvert / Tunnel Path (Stormwater)	Path of box culvert / tunnel (stormwater)	12/2022	Quarterly
3	Utilities	Box Culvert / Tunnel Polygon (Sewage)	Area of box culvert / tunnel (sewage)	12/2022	Quarterly
4	Utilities	Box Culvert / Tunnel Polygon (Stormwater)	Area of box culvert / tunnel (stormwater)	12/2022	Quarterly
5	Utilities	Catchpit	A chamber connected with channels/pipes	12/2022	Quarterly
6	Utilities	Chamber (Sewage)	A chamber accommodates pipes and accessories (sewage)	12/2022	Quarterly
7	Utilities	Chamber (Stormwater)	A chamber accommodates pipes and accessories (stormwater)	12/2022	Quarterly
8	Utilities	Channel	A channel is generally in form of open channel, step channel, u-channel and half-round channel, etc.	12/2022	Quarterly
9	Utilities	Drop Shaft	A drop shaft is normally an vertical conduit	12/2022	Quarterly
10	Utilities	Inlet	A position where water flow is collected	12/2022	Quarterly
11	Utilities	Interface Valve Chamber	A chamber equipped with an interface valve	12/2022	Quarterly

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12	Utilities	List of Facilities (Sewage Treatment Facilities, Stormwater Pumping Stations and Inflatable Dams)	Information about DSD's sewage treatment facilities, stormwater pumping stations and inflatable dams	12/2022	Yearly
13	Utilities	Manhole (Combined)	A chamber connected with drainage conduits (combined)	12/2022	Quarterly
14	Utilities	Manhole (Sewage)	A chamber connected with drainage conduits (sewage)	12/2022	Quarterly
15	Utilities	Manhole (Stormwater)	A chamber connected with drainage conduits (stormwater)	12/2022	Quarterly
16	Utilities	Multiple Pipes (Sewage)	More than one pipe placed in parallel or in layers (sewage)	12/2022	Quarterly
17	Utilities	Multiple Pipes (Stormwater)	More than one pipe placed in parallel or in layers (stormwater)	12/2022	Quarterly
18	Utilities	Multiple Rising Mains (Sewage)	More than one pressure main placed in parallel or in layers (sewage)	12/2022	Quarterly
19	Utilities	Multiple Rising Mains (Stormwater)	More than one pressure main placed in parallel or in layers (stormwater)	12/2022	Quarterly
20	Utilities	Oil / Petrol Interceptor	A device for interception of oily substance	12/2022	Quarterly
21	Utilities	Outfall (Combined)	Normally refers to discharge pipe or outlet (combined)	12/2022	Quarterly

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22	Utilities	Outfall (Sewage)	Normally refers to discharge pipe or outlet (sewage)	12/2022	Quarterly
23	Utilities	Outfall (Stormwater)	Normally refers to discharge pipe or outlet (stormwater)	12/2022	Quarterly
24	Utilities	Outlet	A position where water flow is discharged	12/2022	Quarterly
25	Utilities	Pipe (Combined)	A conduit for conveyance of flow (combined)	12/2022	Quarterly
26	Utilities	Pipe (Sewage)	A conduit for conveyance of flow (sewage)	12/2022	Quarterly
27	Utilities	Pipe (Stormwater)	A conduit for conveyance of flow (stormwater)	12/2022	Quarterly
28	Utilities	Rising Main (Sewage)	A pressurised pipeline for conveyance of flow (sewage)	12/2022	Quarterly
29	Utilities	Rising Main (Stormwater)	A pressurised pipeline for conveyance of flow (stormwater)	12/2022	Quarterly
30	Utilities	Sand Trap	A device for trapping of sand	12/2022	Quarterly
31	Utilities	Tapping Point (Sewage)	Normally refers to a collection point that discharge to sewer system	12/2022	Quarterly
32	Utilities	Tapping Point (Stormwater)	Normally refers to a collection point that discharge to stormwater system	12/2022	Quarterly
33	Utilities	Terminal Manhole (Sewage)	Last manhole positioned within the premises as close to the boundary as possible (sewage)	12/2022	Quarterly

**A . Departmental datasets to be opened up in 2022**

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34	Utilities	Terminal Manhole (Stormwater)	Last manhole positioned within the premises as close to the boundary as possible (stormwater)	12/2022	Quarterly
35	Utilities	Tunnel Protection Zone	Generally refers to protection zone of sewage/stormwater tunnel	12/2022	Quarterly

**B . Departmental datasets to be opened up in 2023 and 2024**

<b>Item No.</b>	<b>Type of Data</b>	<b>Name of Dataset</b>	<b>General Description</b>	<b>Target Release Date (in mm/yyyy)</b>	<b>Update Frequency</b>
1	Environment	Chemical Dosage	Information of the Daily dosage of Sodium Hypochlorite and Sodium Bisulphite used for the Chlorination/Dechlorination process at Stonecutters Island Sewage Treatment Works and Stanley Sewage Treatment Works	04/2023	Twice per Year
2	Recreation and Culture	Record of Visit to DSD Facilities and DSD Outreach Educational Programme	The data includes the type of visit/ facility, visiting location and number of visitors/participants	04/2023	Yearly
3	Environment	Effluent Quality (Daily)	The dataset provides information of the E.coli count of the Grab Effluent Sample of Stonecutters Island Sewage Treatment Works and Ma Wan Sewage Treatment Works	10/2023	Twice per Year
4	Environment	Laboratory Data and Sewage Flow Data	Laboratory data of final effluent quality and flow data in seven sewage treatment plants	10/2023	Monthly
5	Environment	Sewage Flow Data	The dataset provides information of the Total Monthly Flow of 4 Sewage Treatment Works (Stonecutters Island; Siu Ho Wan, Stanley and Ma Wan) managed by the Drainage Services Department	10/2023	Twice per Year

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

<b>Item No.</b>	<b>Type of Data</b>	<b>Name of Dataset</b>	<b>General Description</b>	<b>Target Release Date (in mm/yyyy)</b>	<b>Update Frequency</b>
1	N/A				

**D . Progress: Datasets already opened up on CSDI Portal by Department and other organisations**

<b>Item No.</b>	<b>Type of Data</b>	<b>Name of Dataset</b>	<b>General Description</b>	<b>Released Date (in mm/yyyy)</b>	<b>Update Frequency</b>
1	N/A				

**Drainage Services Department**

**December 2021**