

## Why do I need to safeguard public sewers?

Public sewers convey used water from domestic and non-domestic premises to the water reclamation plants for treatment.

Any damage or blockage to the public sewers would disrupt the flow of used water and could cause pollution and public health issues. As such, you are required by law to safeguard public sewers.

## What are the permits/approvals required by PUB?

You must consult and get approval from PUB before carrying out any of the works listed below.

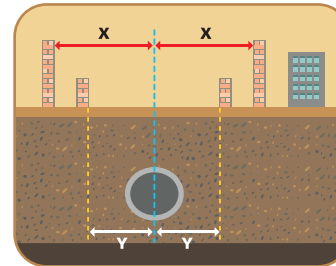
Types of approval	Who needs to apply
<b>Development Control (DC) Clearance</b> Apply for this permit to build a structure / object over, under, or adjacent to the public sewers.	QP (Design) via BCA e-Corenet
<b>Detailed Plan (DP) Clearance</b> Apply for projects with new sewerage works (i.e. reinforced concrete trench, proposed new sewers, or manholes).	QP (Design) via BCA e-Corenet
<b>Protection of Water and Sewer Pipes (POWS)</b> Apply for specified activities to be carried out within the sewer corridor.	Appointed QP (Design) / Contractor via POWS portal
<b>Form B</b> Apply to work in the public sewers.	QP (Design) via BCA e-Corenet for BCA project / Licensed Plumber (LP) for non-BCA project via PUB Online Form
<b>Form B1</b> Apply to carry out sewer connections.	QP (Design) for permanent connection / LP for temporary connection via PUB Online Form

\*Refer to Regulation 3 of the Sewerage and Drainage (Protection of Public Sewerage System) Regulations for the list of specified activities.

## What is the public sewer corridor and setback?

Public sewer corridor (X) refers to the space bounded by 2 vertical planes through which any sewer pipe runs, whether under, on, or above ground.

- 10m for sewers of < 900mm in diameter
- 20m for sewers of  $\geq$  900mm in diameter
- 40m for DTSS tunnels



Sewer setback (Y) refers to the minimum horizontal distance from the outer edge of any structure to the centre of the public sewer. Please refer to Code of Practice on Sewerage and Sanitary Works (COPSSW) for the dimensions.

## Penalties

Developers, contractors and QPs must ensure that works are carried out according to the Sewerage and Drainage Act and its Regulations and the COPSSW at all times.

Anyone found guilty of causing public health issues and pollution, damaging a public sewer or disrupting the operations of our water reclamation plants may be fined up to \$200,000, jailed for up to 2 years, or both.

Visit [www.pub.gov.sg](http://www.pub.gov.sg) for more information. You can also scan the QR codes or contact 1800-CALL PUB (1800-2255-782) for more information on public sewers.



Code of Practice on Sewerage and Sanitary Works and Advisory Note



Register for webinar on "Protection to Public Sewerage System and Water Mains"



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Environment Building, Singapore 228231

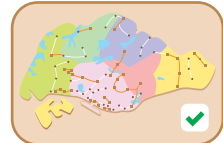


# A GUIDE TO SAFEGUARDING PUBLIC SEWERS AT WORKSITES

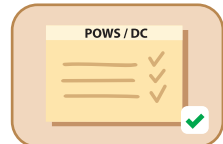
DEVELOPERS, CONTRACTORS & QUALIFIED PERSONS (QP)



# Good practices before and during construction



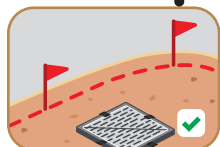
Purchase the latest Sewerage Information Plan (SIP) to check the position of existing sewers at the worksite.



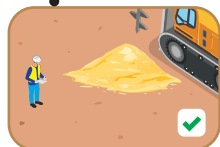
Obtain approvals / permits before carrying out works or erecting any structure within the sewer corridor.



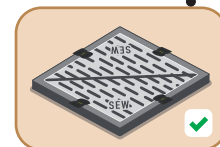
Keep all PUB-approved plans and drawings on-site for PUB's audit.



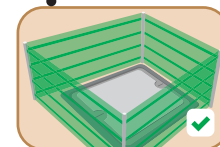
Engage a registered surveyor to verify and peg the sewer alignment and sewer setback.



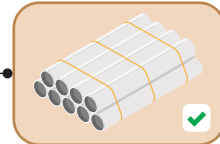
Qualified person (QP) to supervise the construction works at all times and ensure works are carried out according to PUB-approved plans.



Ensure the manhole and last inspection chamber are closed at all times.



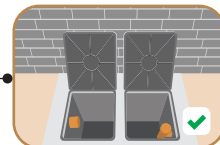
Install silt fences around the manholes and inspection chambers to prevent debris from entering the public sewers.



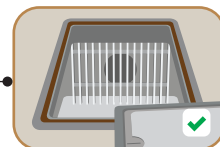
Store all excavated earth, construction materials, and debris away from the existing sewers and sanitary systems (including top of manholes and inspection chambers).



Engage a Licensed Plumber (LP) and obtain approval from PUB before connecting a temporary toilet to the public sewers.



Install and maintain a silt sump before the last inspection chamber to prevent debris at wash areas from entering the public sewers.



Install and maintain a bar screen in the last inspection chamber to prevent debris from entering the public sewers.

