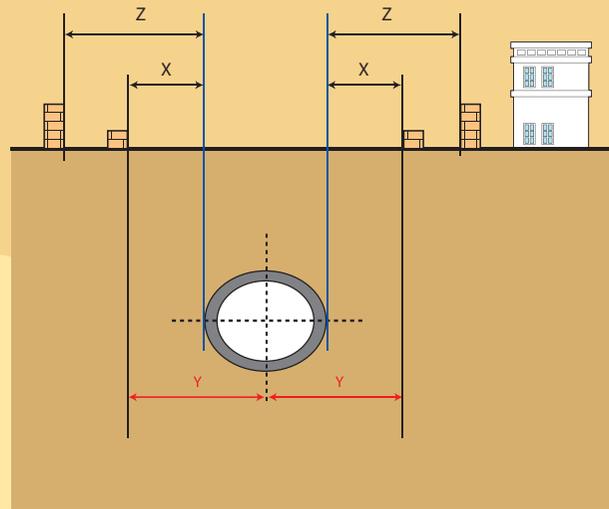


Some general requirements

- ✓ Understand the requirements under the "Sewerage and Drainage Act" and the "Code of Practice on Sewerage and Sanitary Works"
- ✓ Obtain updated Sewerage Interpretation Plans (SIP) from PUB to check for presence of existing sewers within the work site
- ✓ Consult PUB if any construction work lies within the Sewer Protection Zone
- ✓ Inform PUB in advance before doing any excavation works near sewers
- ✓ Peg out all sewers' alignment within the development site and piling layout before doing any work
- ✓ Keep all inspection chambers and manholes covered at all times
- ✓ Store all excavated earth, construction materials and debris at a safe distance from the existing sewers including on top of manholes and inspection chambers
- ✓ Implement proper earth control measures to prevent silt from flowing into manholes and inspection chambers
- ✓ Qualified Persons shall comply with PUB's Advisory Notes - "Prevention of damage to the Sewerage System" at all times, subject to PUB's consultation and requirements. Advisory Notes can be found in the PUB website: www.pub.gov.sg



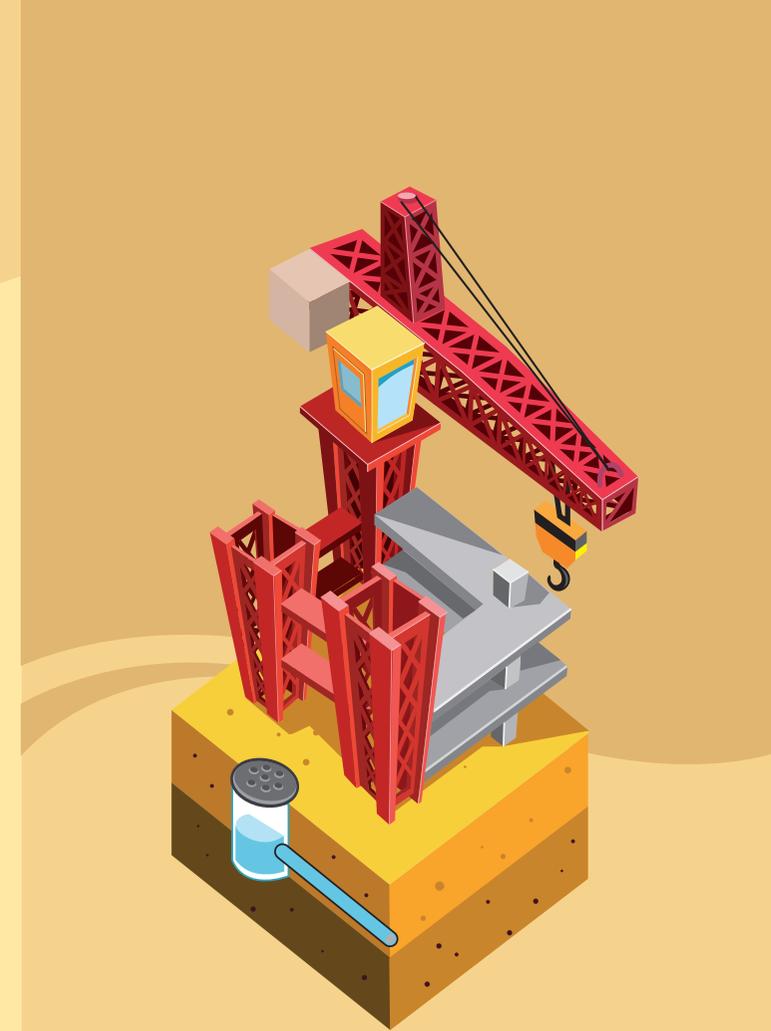
X = Sewer Set Back (for sewer dia. >600mm)
Y = Sewer Set Back (for sewer dia. ≤600mm)
Z = Sewer Protection Zone
(25m for sewers and 36m for DTSS)

Please refer to PUB website for dimensions on Sewer Set Back

"Sewer Protection Zone" - the horizontal distance of 25m from the outermost edge of any part of the public sewers (including pumping mains) or 36m from the outmost edge of any part of the DTSS tunnel & facilities within which no works, either permanent or temporary, should be carried out unless the Director, Water Reclamation (Network) Department has given the written permission to do so.

"Sewer Set Back" - minimum horizontal distance measured from the outer edge of any structure to either the centerline of the public sewer, as defined by X and Y demarkations highlighted in schematic shown above.

No structure either permanent or temporary shall be erected over or within the minimum set back distance from the public sewers or pumping mains.



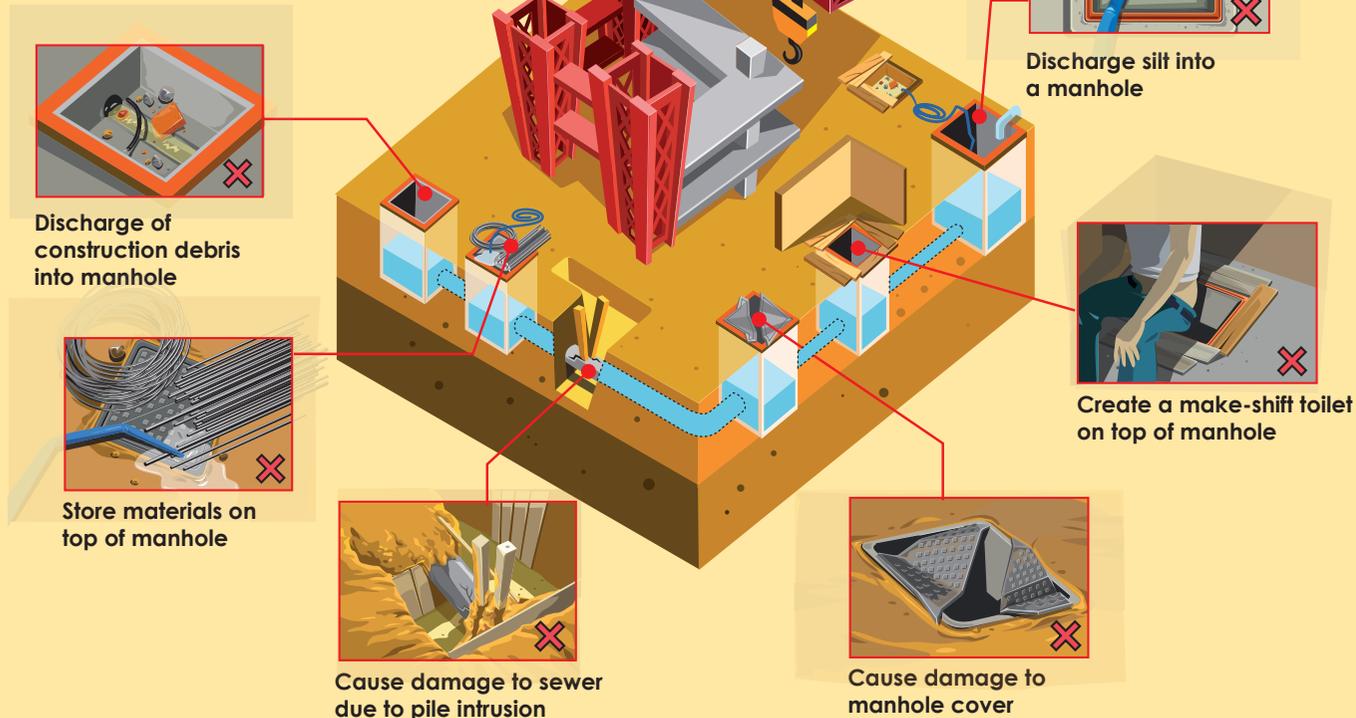
SAFEGUARDING SEWERAGE INFRASTRUCTURE AT CONSTRUCTION SITES

Overview

The public sewerage system is an important public infrastructure that plays a crucial role in providing us with a healthy and clean environment to live in.

The networks of sewers convey used water from our homes and industries to the water reclamation plants where the used water will be treated to the required quality for discharge into the sea or for water recycling for further reuse.

Common violations encountered at construction sites



Legislation requirements

Under the Sewerage and Drainage Act, it is an offence to (i) carry out works listed in our legislations and Codes of Practice without the approval from PUB and/or (ii) damage the sewers and/or (iii) affect the smooth conveyance of used water in the sewers as a result of any work done.

Any person who causes any damage to sewers or drain-lines shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$40,000 or to imprisonment for a term not exceeding 3 months or to both.

Audits

Where there are public sewers or pumping mains within your development lot or the sites of your proposed works (e.g. excavation, soil investigation, piling, tunneling, structure, etc) either permanent or temporary, or if your works are within the sewer protection zone (i.e. 25m for sewers and 36m for Deep Tunnel [DTSS]) you are required to obtain a written clearance from Director, Water Reclamation (Network) Department before carrying out the works at the site. Due care and diligence during any construction works helps to safeguard the sewerage infrastructure against damage.

PUB regularly conducts audits on construction sites; to facilitate the audit, copies of all relevant documents such as approved plans and drawings shall be available on site.

Contacts for information

Please refer to PUB website at www.pub.gov.sg for the most updated and comprehensive information pertaining to the approval submission and other requirements, and the list of good practices on earth control measures and others.

For more information,
please contact:
PUB - ONE
Tel: 1800-284 6600 (24 hours)

