

Your ref: -
Our ref: WSN 92307/2
Date: 1 Dec 2020

Tel: 6380 9888
Fax: -
Email: PUB_WSN_SURVEILLANCE@pub.gov.sg

Dear Industry Professionals,

PREVENTION OF DAMAGE TO WATER PIPE INFRASTRUCTURE

PUB would like to remind the industry professionals to protect PUB's water pipe infrastructure when carrying out work activities within the Water Pipe Corridor (see Annex A).

2 Public Utilities (Protection of Water Pipes Infrastructure) Regulations

PUB gazetted the Public Utilities (Protection of Water Pipes Infrastructure) Regulations in 2017. Under the Regulations, specified activities within the protection corridor of < 300mm dia water pipe requires a notification to PUB, Water Supply Network Department (WSN), while specified activities within the protection corridor of \geq 300mm dia water pipes requires an approval from PUB (WSN) before the works can commence. Details of the Regulations can be found on the following website:

<https://sso.agc.gov.sg/SL-Supp/S337-2017/Published/20170629?DocDate=20170629>

Or via the QR Code



3 Requirements prior to the commencement of works within Water Pipe Corridor

We wish to remind that all contractors working within the water pipe corridor shall comply with the requirements stipulated in PUB's Advisory Notes on the Prevention of Damage to Water pipes, the advisory note is available on the following website:

www.pub.gov.sg/Documents/Watermains_AdvisoryNotes.pdf

Or via the QR Code



Prior to the commencement of works, the QP/contractor shall carry out the following:

- a) Purchase a copy of the Water Services Plan (WSP) to check for the presence of water pipes
- b) Carry out trial trenches to ascertain the depth and alignment of the affected water pipes
- c) Make a submission for the proposed works to PUB via the Online submission portal, Protection of Water pipes and Sewers (POWS). POWS can be accessed from the following website: <https://bpu.pub.gov.sg/pows>.
- d) Obtain approval from PUB(WSN) if the affected water pipe is of 300mm dia or more.

4 Contractors Fined For Damaging Water Pipes

In 2020, six contractors were fined for causing damage to water pipes, and/or the failure to make submission/obtain approval prior to the commencement of works within the water pipe corridor. Of the six cases, a contractor was fined \$56,500 for a damage to a 500mm dia water pipe while carrying out sheet piling works without an approved plan.

5 PUB takes a serious view on the damage to all water pipes. Impact of damages include interruption of water supply to customers, losing precious water resource, causing inconvenience to the public and delaying construction projects. As such, we strongly urge the industry to work together with PUB in safeguarding our water pipe infrastructure.

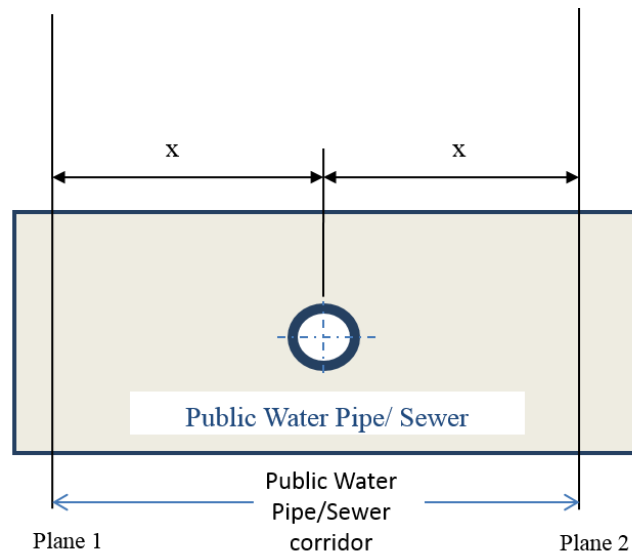
6 Should you need any clarification on the above matters, please contact PUB (WSN) at 6380 9888 or email to PUB_WSN_SURVEILLANCE@pub.gov.sg.

Yours faithfully



JAMES KOH
CHIEF ENGINEER
WATER SUPPLY (NETWORK) DEPARTMENT
PUB

ANNEX A – WATER PIPE CORRIDOR AND LIST OF SPECIFIED ACTIVITIES



Water Pipe Diameter	Distance X on either side from the centreline
<900 mm	10 metres
≥ 900mm	20 metres
Water Tunnels and DTSS	40 metres

List of Specified Activities:

- (a) the carrying out of any earthwork for site formation, whether by excavation, filling or backfilling;
- (b) the excavation of any trench, well, pond or pool, or excavation for any underground structure which is more than 0.5 metre in depth;
- (c) the excavation of earth, rock or other material by means of explosives;
- (d) the carrying out of any ground exploratory or testing work, including through soil boreholes and geological surveys;
- (e) the installation of any foundation, sheet-pile, piled foundation, earth retaining or stabilising structure, ground anchor, horizontal tie-back, or any other similar installation;
- (f) the carrying out of any ground stabilising work, including jet grouting, soil compacting and ground freezing;
- (g) the carrying out of any tunnelling, excavation work or jacking work;
- (h) the erection of any temporary or permanent structure, including any site office or show flat;
- (i) the installation of any heavy construction machine or plant, including the stacking and installation of any concrete block for pile testing;
- (j) the installation of any container box.
- (k) the planting of any tree or vegetation, or the carrying out of any landscaping activity;
- (l) the stacking or transportation of any heavy material.

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