

# E-NEWSLETTER

KEEPING YOU INFORMED

Issue 11

January 2021

2020 has been a roller coaster year for all of us but this has not deterred us from presenting to you our 11th e-newsletter.

In this issue, we'll share with the industry professionals on how to protect PUB's pipe infrastructure when carrying out work activities within the Water and Sewer Pipe Corridor.

## PREVENTION OF DAMAGE TO WATER AND SEWER PIPE INFRASTRUCTURE

PUB still encounters contractors who do not exercise due diligence when working near our water and sewer pipes resulting in damages. The impact of such damages are significant!

i) Impact of damages to our water pipes include interruption of water supply to customers, losing precious water resource, causing inconvenience to the public and delay to construction projects.

Below are 2 examples of damage to our water pipes.



Necessary support structures not installed for the water pipe, as stipulated in the procedures for carrying out excavation work. This resulted in the water pipe being dislodged at its joint.



Tip of the excavator bucket punctured a water pipe at the construction site. This work was carried out within the vicinity of water pipe without approval from PUB.

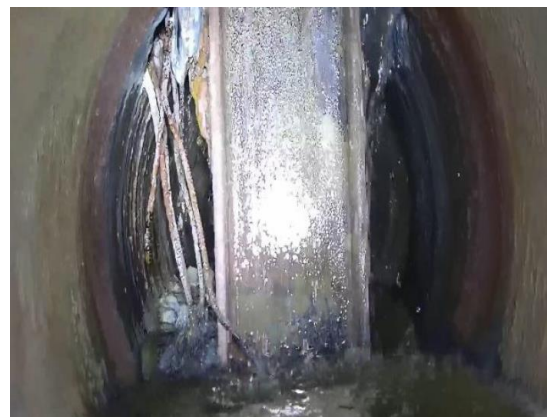
## PREVENTION OF DAMAGE TO WATER AND SEWER PIPE INFRASTRUCTURE (cont')

ii) Impact of damages to our sewer pipes include used water surcharge and overflow in public areas, which could lead to public health concerns.

Below are 2 examples of damage to our sewer pipes.



The incorrect construction sequence due to miscommunication on site resulted in the pile puncturing through a 'live' sewer.



Pile punctured a sewer pipe causing sewer to surcharge. This work was carried out near the sewer pipe without approval from PUB.

PUB takes a serious view of the damage caused to all pipes and would like to remind the industry professionals to protect PUB's pipe infrastructure when carrying out work activities within the Water and Sewer Pipe Corridor.

Under the existing Public Utilities and Sewerage & Drainage Acts, PUB is empowered to fine/prosecute/recover costs from the responsible party in the event of damage to water and sewer pipes.

As such, we strongly urge the industry to work together with PUB in safeguarding our water and sewer pipe infrastructure.

QRcode to website

## Requirements prior to the commencement of works within Water and Sewer Pipe Corridor

### Water Pipe Corridor

- We wish to remind all Qualified Persons, Professional Engineers and Contractors, working within the water pipe corridor to 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](http://www.pub.gov.sg/Documents/Watermains_AdvisoryNotes.pdf)



### Sewer Pipe Corridor

- Qualified Persons, Professional Engineers and Contractors working or carrying out 'Specified Activities' within the public sewer corridor or outside the public sewer corridor which adversely affect sewers are to comply with the requirements for public sewerage system protection stipulated in PUB's Advisory Notes on the Prevention of Damage to Public Sewerage System & Code of Practice on Sewerage & Sanitary Works (2nd Edition) Section 2 & Annex G, the advisory notes & code of practice are available on the following website:

[http://www.pub.gov.sg/Documents/WRN\\_AdvisoryNotes.pdf](http://www.pub.gov.sg/Documents/WRN_AdvisoryNotes.pdf)



<http://www.pub.gov.sg/Documents/COPSSW2nded2019.pdf>



Submissions shall be made via PUB's Online Submission Portal, Protection of Water Pipes and Sewers (POWS). POWS serves as a centralized portal for processing of works affecting Water Pipes and Sewer submissions by Qualified Persons/ Professional Engineers/ Contractors prior to carrying out specified activities near water pipes and public sewers.

- The link to POWS as follows: <https://bpu.pub.gov.sg/pows>
- SingPass login is required to access the portal.

