

## Maintaining leak-free sewers

### What is your role as an owner?

As a private premises owner, you can play your part by ensuring that your private sewer network does not leak.

### Why is it important to have regular checks and maintenance?

It is important to carry out periodic inspections to check the private sewer and carry out any needed repairs because it is located underground.

Engage a contractor to inspect your private sewers regularly to ensure that they are leak-free and properly connected to the public sewer.

For list of contractors who have carried out sewer rehabilitation works in PUB's past and current contracts, please scan the QR code below or contact 1800-CALL-PUB (1800-2255-782) for more information.



<https://go.gov.sg/privatesewerrehabilitation>



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# A GUIDE ON MANAGING PRIVATE SEWER LEAKS

PRIVATE PREMISES OWNERS



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## Fixing private sewer leaks

A private sewer conveys used water from your private premises to the public sewerage system.

Private sewers must be checked regularly to ensure no leakage. Leakage can contaminate the surrounding land, waterways, and reservoirs, which serve as a source of water supply.

### What can cause leaks?

Your private sewers may leak due to wear and tear, cracks, collapsed sections, displaced joints or intrusion from tree roots.

### What should you do if there's a leak?

You can engage your own contractor to carry out the rectification work.

## How does sewer rehabilitation work?

With modern technology, a leaking private sewer can be rehabilitated using a trenchless method. This fuss-free technique creates a new pipe within the old one without the need to carry out digging works on your premises. This minimises disruption and inconvenience to the public, owners, and residents.

### How long does it take to rehabilitate your private sewer?

A private sewer of up to 20m will take no more than 3 days to fix.

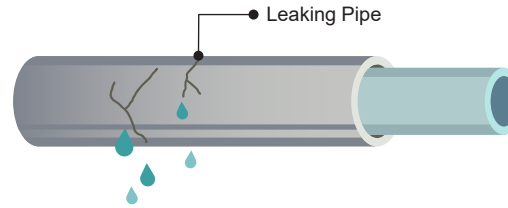


Fig 1: A new pipe is formed within the existing pipe

The rehabilitation work includes:

- Preparation work (including pre-condition survey and cleaning)
- Lining work
- Post-lining work (CCTV inspection)
- Rehabilitation of Inspection Chamber (if required)

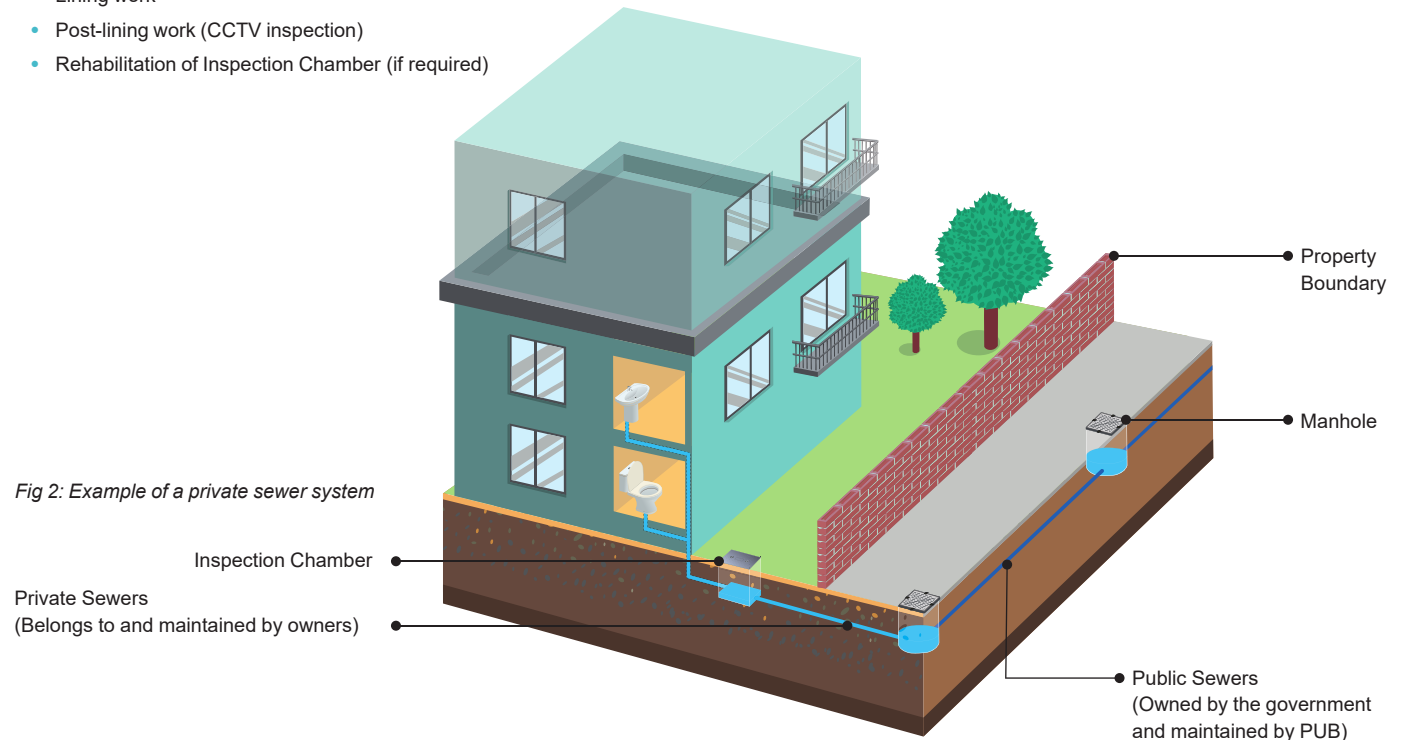


Fig 2: Example of a private sewer system

## Will this affect the use of your toilets and kitchen?

Use of your toilets and kitchen are usually not affected. There may be a need to stop using them for a short period during work.

### How do you know the rectification work is properly carried out?

The contractor must provide you with a Closed-Circuit Television (CCTV) survey report and/or a leak test report.

### Do you need to fix all your private sewers?

Delayed rectification may result in more severe leaks or defects, which will then require more extensive repair work such as open excavation works.