



Blok-Aid

An overflow prevention device for sewer mains and stormwater systems

What are the benefits of Blok-Aid?

- SAVE you thousands of dollars in clean up and compensation costs
- PREVENT damage to the environment
- REDUCE risks of household flooding and potential harm to the community
- MINIMISE your exposure to fines, insurance premiums and other penalties
- ENHANCE your service delivery and reputation to the community you serve
- PROVIDE your company with knowledge of problem areas to schedule and organise programmed work more efficiently

Until recently, there has been no viable method of alerting water businesses of impending spills from the sewer system. However, spills can now be prevented with a new device called Blok-Aid that tells you when maintenance needs should be conducted to sewer or stormwater systems.

Sewer spillages can cause significant environmental damage often with traumatic results for customers. In addition, the water business or council can incur the clean up costs, which can range anywhere from \$5,000 to \$30,000. Regulatory penalties can also be imposed.

By installing Blok-Aid in sewer or stormwater manholes, high sewer and stormwater levels can be detected. An alarm is then automatically activated which identifies the manhole either through the Supervisory Control and Acquisition Data (SCADA) system or direct to a mobile phone. Field Maintenance can then be undertaken to rectify the situation.



A South East Water Success Story

In the South Melbourne area, there have been a number of sewers which have had repeated blockages caused by invasive tree roots.

To prevent blockages from re-occurring, South East Water commenced an intensive cleaning program. However, this became very time and resource consuming.

Since 'us'- Utility Services installed the Blok-Aid device, cleaning has been planned according to monitoring results. Overall saving time and money, in addition to all blockages detected prior to any spills and overflows. With over 100 Blok-Aid devices now installed across South East Water's service area, the company is well positioned to meet its environmental obligations.

Blok-Aid

Winner of the 2004 Victoria National Electrical Communications Association Environmental Award for Excellence.

How does our Blok-Aid service work?

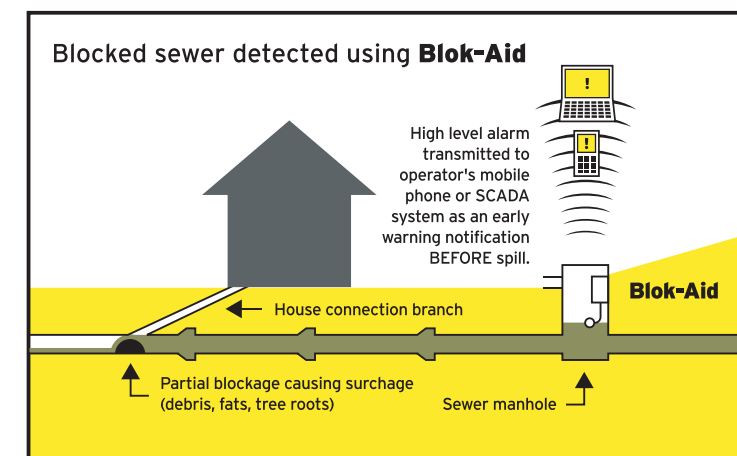
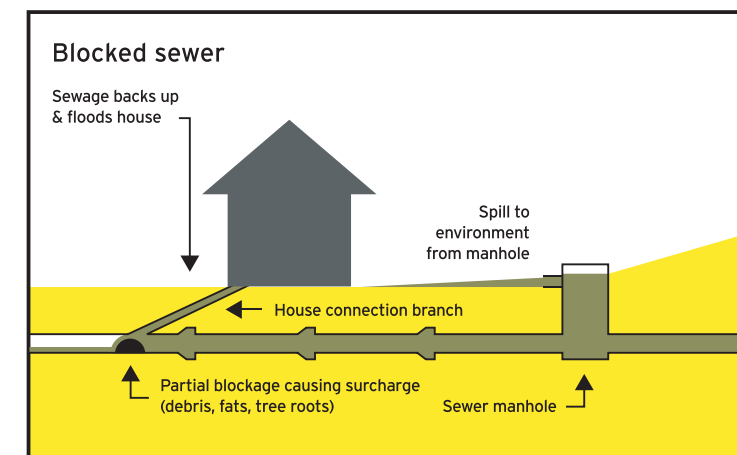
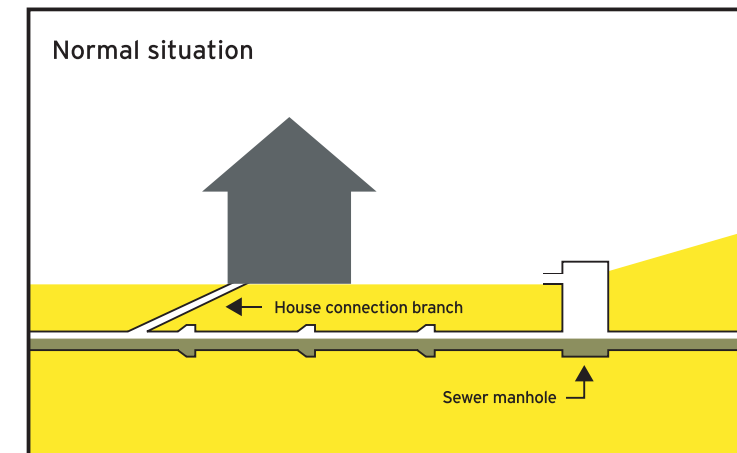
Tree roots or debris infiltrating a sewer, can often result in a build up of water upstream, leading to serious damage such as house flooding. A Blok-Aid device installed inside the sewer and stormwater manhole can monitor high levels of water.

When the sewer is blocked an alarm condition is activated, the Blok-Aid device sends an alert to a SCADA system or via SMS to an operator's mobile. Field staff can then respond to the alarm by investigating the problem.

With this knowledge, maintenance crews can then be engaged to rectify the situation before there is environmental or property damage. The Blok-Aid unit also sends regular messages regarding battery voltage and communication signal strength, to assure operators of its working condition.

Blok-Aid installation and monitoring

If you are interested in utilising Blok-Aid for your business, the device can be purchased from 'us'- Utility Services ready to be installed by your own technicians. Blok-Aid can be monitored with your company's SCADA system or via SMS on your mobile phone. Alternatively, 'us'- Utility Services can install Blok-Aid and also monitor it's performance for you. Call 'us' now to get more information and a no-obligation quote.



To find out more about Blok-Aid please contact:

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