

→ Low Pressure Sewer Systems

When is a low pressure sewer system needed?

Low pressure sewer systems are the best option to provide a sewer service to properties where a conventional system is not practical or cost effective.

This might be because the number of properties being served is low and/or there are undulations in the terrain that mean gravity flow of sewage is not possible. Alternatively there might be a high risk of groundwater contamination or tough terrain (such as bedrock), which renders construction of a conventional system very difficult.

How does it work?

A low pressure sewer system is installed on-site and comprises an in-ground sump, or pump-well, into which wastewater from a property's toilets (sewage), baths and sinks (greywater) is discharged.

A macerating pressure pump grinds the organic solids, paper and other soft material into a slurry. This is pumped off-site, under low pressure, through a discharge pipe to an East Gippsland Water pump station and onto one of our wastewater treatment plants.

A control panel and alarm also form part of the system.

Installation requirements

Except in designated and approved pressure sewer areas, the installation and use of a low pressure sewer system requires prior approval from East Gippsland Water. An application for this needs to be made in writing.

Owners are required to enter into an agreement with the Corporation covering the provision, operation and maintenance of the pressure sewer system.

The system must be installed by a licensed plumber, accredited with East Gippsland Water.

Once installed, East Gippsland Water will take full responsibility for the maintenance of the system for its lifetime.

For further information:

To find out more, including details of charges, terms and conditions, please contact East Gippsland Water's Technical Officer Property Connections on **1300 720 700** or **(03) 5150 4444**. Alternatively, send an E-mail to egw@egwater.vic.gov.au

Applications should be sent to:

Technical Officer Property Connections
East Gippsland Water
PO Box 52
Bairnsdale
Vic 3875



CS19

What you need to know about...

Low Pressure Sewer Systems (LPSS)



Ph: 1300 720 700 or (03) 5150 4444
24 Hour Emergency: 1300 134 202
www.egwater.vic.gov.au



Maintaining your pressure sewer system

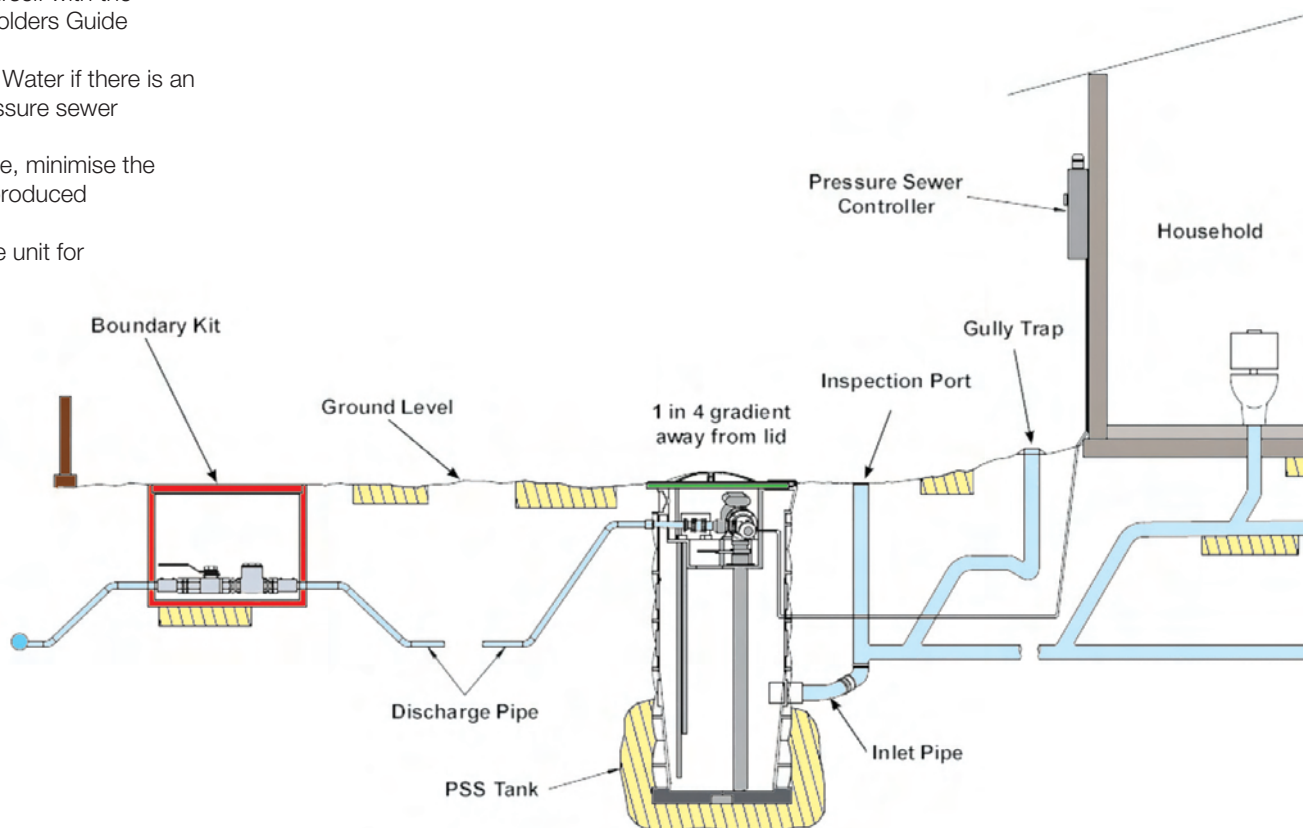
Do...

Read and familiarise yourself with the Pressure Pump Householders Guide

Contact East Gippsland Water if there is an emergency with the pressure sewer

If there is a power outage, minimise the amount of wastewater produced

Keep access clear to the unit for maintenance purposes



Plan of a low pressure sewer system

Do not...

Discard any of the following items in your toilets, sinks or drains –

- Glass, metal, wood, seafood shells or other hard objects
- Cloth or synthetic material such as clothes, nappies, sanitary towels or condoms
- Cat litter
- Any chemical other than standard cleaning or laundry products; such as paint, toxic, caustic, acidic or poisonous substances
- Oil, greases and degreasing solvents
- Hair clippings
- Explosive or flammable materials such as hydrocarbon fuels, paint thinners or anti-freeze

Do not plant shrubs or trees within two metres of the tank lid

Do not place objects or structures over the lid

Do not allow grass or other coverings to obscure the lid and in particular, ensure that the one way air vent is free from debris

Do not drive or park vehicles on the lid