



## Connections to gravity sewer mains

Many properties in urban areas in the GWMWater region are connected to sewer mains. Sewer mains are gravity fed or are pressurised using pumps. If a property is not currently connected to our sewer system and is fronted by a main, you may be eligible to apply to connect to our sewer network.

### What is a gravity sewer?

Through the force of gravity, a gravity sewer is designed to remove sewage through an underground pipe system which slopes away from a property's sewer connection point. Sewage travels through the sewer pipe system to the town's wastewater treatment plant for processing.

### Applying to connect to a sewer main

Contractors must have our consent to connect to a sewer/PIC prior to connecting. An 'Application for Consent to Connect – Wastewater' form must be lodged with us to start this process. To view associated costs, visit [gwmwater.org.au/charges](http://gwmwater.org.au/charges)

Owners/developers are responsible for all licensed plumber costs associated with the works described in this fact sheet.

Sewer connections or alterations require plumbers to submit a new property sewer drainage plan to us at the completion of works.

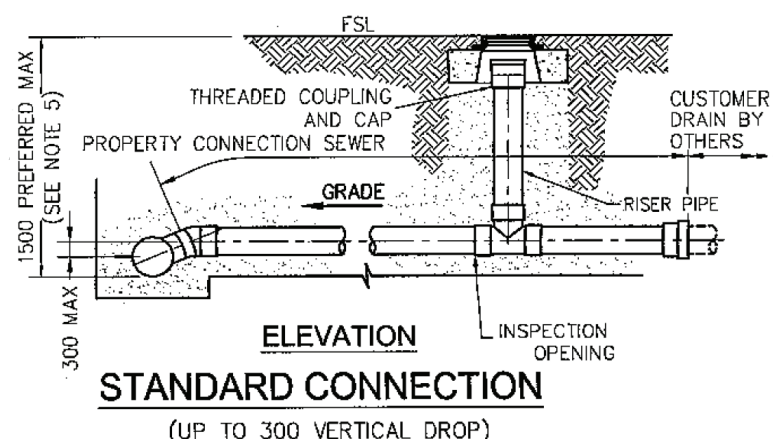
Asset and property drainage plans supplied by us are indicative only. We strongly recommend confirming the depths of manholes upstream and downstream of proposed connection points on site to determine the depth of excavation and sanitary drainage design.

### Connecting to an existing connection point

We will assess the location and condition of the connection point to ensure the existing connection point is suitable for use. Contractors may also be required to carry out a CCTV sewer inspection to utilise an existing sewer connection point.

The applicant's contractor or consultant is responsible for determining if an existing sewer connection point has sufficient capacity to accommodate a new connection.

Typical property connection sewer





## Connecting to a new connection point

We assess direct manhole connections on a case-by-case basis. Connections to manholes including the installation of internal drop-pipes must be designed and constructed to our standards.

When making a new connection point on our sewer main:

- > Plumbers are to submit a Notice of Intention to Commence Works form. Forms are to be provided to us at least five business days' prior to works.
- > Stainless steel full wrap OB junction clamps must be used for new cut-ins on the sewer main. These are to be sized according to the diameter and material of the main. Please contact us for junction clamp specifications.
- > Plumbers are to install sewer connection point/s in accordance with our sewer standards. Please contact us for information on our sewer standards.
- > Plumbers provide us with photos of works showing constructed sewer connection point, including the junction on the main when exposed.
- > Plumbers to provide us with an 'as constructed plan' including:
  - Measurement from the OB junction to the centre of the downstream manhole (where possible) and ties/offsets to lot boundaries.
  - Material, depth and length of sewer including description of fittings and maintenance structures installed.

To find out more contact our Development Services team during business hours on 1300 659 961.



Example of a new sewer connection cut-in

## Safety

We are committed to the health and safety of everyone that works on our sites and projects. Contractors must be a licensed plumber prequalified in our Contractor Management System (Linksafe) to undertake sewer investigation and/or works on sewer connection points. To register visit [gwmwater.org.au/contractors](http://gwmwater.org.au/contractors)

Entry into a sewer manhole is classed as a confined space entry. Any contractor entering a manhole must have the relevant confined space accreditation and make sure that we are notified prior to the commencement of works.

## Further information

For more information contact GWMWater's Development Services team via our Customer Call Centre on 1300 659 961 during business hours. Alternatively, enquires or connection forms can be emailed to [info@gwmwater.org.au](mailto:info@gwmwater.org.au)