

# Water Connection Preparation Guide



## **Specification for private contractors carrying out water connection preparation work.**

These terms and conditions refer to the minimum requirements for water connection applications, where a private contractor carries out site preparation/reinstatement work and the supply of materials for a 25 or 32mm OD water connection to the public water reticulation network.

It only refers to service connections located in the berm within five metres distance to the water main. Berm is generally referred to as the un-sealed surface (including footpath) in road reserve. Typical location drawings of water service lines are as shown in the GDC Engineering Code of Practice (ECoP) and Water Bylaw.

The private contractor must have an approved "[Gisborne District Council Corridor Access Request Consent](#)" in place.

### **The private contractor shall carry out the following:**

- Carry out traffic management and all service locations as per requirements of the "[Gisborne District Council Corridor Access Request Consent](#)"
- Excavate the service line trench and expose the water main for connection purposes. The trench for the service connection shall be excavated at right angles to the main. The final toby box location (installed by the GDC Utilities Maintenance contractor) shall be located on the road frontage so that it may be inspected without entering private property.
- Contact Gisborne District Council Utilities Inspectors to inspect prepared work site.
- De-water trench as necessary.
- Supply pipe, tracing wire, warning tape and a manifold containing a water toby and double check backflow preventer in 'Acuflo' AMB300 toby box with base. Materials shall conform in accordance with the Gisborne District Council Engineering Code of Practice. All pipe materials shall be PE100 PN16 conforming to AS/NZS 4130 and AS/NZS 4131.
- Clearances between water laterals and other underground services shall be minimum 300mm horizontally and 150 mm vertically.
- Backfill and reinstate site as per specifications outlined in the Gisborne District Council Engineering Code of Practice.
- All specified materials must be on site at the time the connection is made or the site visit will be called off and a cancellation charge applies.

### **PTO**

**The Gisborne District Council Utilities Maintenance Contractor will carry out the following works:**

- Assess and confirm adequacy of Traffic Management Plan and general site safety.
- Connect water service line to water main by means of a tapping band and a ferrule or by approved tapping tee and electro fusion fitting. The contractor will supply these fittings.
- Connect manifold to water service line and place in Toby box.
- Disinfect service line in accordance with the Gisborne District Council Code of Practice and Hygiene Code of Practice.
- Flush the water service line at the first tap on private property.
- Complete as-built information.
- Complete a Council generated IMS work order.

**The Gisborne District Council Utilities Maintenance Contractor may call off the site visit and cancel the proposed connection work for the following reasons:**

- Traffic management and service locations not in compliance with the general conditions of "[Gisborne District Council Corridor Access Request Consent](#)"
- Gross unhygienic conditions causing major public health risk (such as direct contact with exposed and active sanitary sewer services or high ground water table)
- Service line trench excavation not in accordance with the Gisborne District Council ECoP or Health & Safety guidelines
- Area around exposed water main not sufficient to fit tapping band and ferrule.
- Use of incorrect water service line materials (toby box, manifold, water pipe)

In the event of an ineffectual site visit by the Gisborne District Council Utilities Maintenance Contractor for one or more of the above reasons, a cancellation fee of \$121.75 (incl. GST) will be charged.

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This specification is to remain with the applicant for reference purposes. Please attach a signed copy of the agreement form to the Water Application Form and return to Council.

Please contact Gisborne District Council Customer Services on 867 2049 or [service@gdc.govt.nz](mailto:service@gdc.govt.nz) if you have any queries regarding the above.