

Non-drinking water (recycled water)

Plumbing Advisory Note

Issued February 2018

The Office of the Technical Regulator (OTR) regulate on-site non-drinking (recycled) water installations.

The *National Construction Code*, Volume 3 Part B3 sets out the requirements for design, construction, installation, replacement, repair, alteration and maintenance of any part of a non-drinking water service (recycled water).

Plumbing and irrigation contractors carrying out work on non-drinking water services (recycled water) for residential, commercial, industrial and recreational properties/areas in South Australia must:

- ensure all work complies with AS/NZS 3500 Part 1
- book an audit for all in-wall and in-ground non-drinking water installations with the OTR, which can be done by calling 1300 884 055 or booking online at www.plumbbooking.sa.gov.au no later than 3pm the day before an audit is required
- ensure the property is accessible at the nominated inspection time for in-wall and in-ground pipework. If the work is not inspected within 20 minutes of the booking time, plumbers may backfill the in-ground pipework
- provide the OTR and the owner/occupier of the property with a Certificate of Compliance within seven days of completing the work.

Non-drinking water areas

SA Water is currently supplying non-drinking water (recycled) to the following areas:

- Bowden
- Lochiel Park (Campbelltown)
- Mawson Lakes
- Seaford Heights
- Seaford Meadows

Other water entities are supplying non-drinking water to areas including:

- Lightsview
- Mawson Green (Meadows)
- Northgate
- Salisbury
- St Clair

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Cross-connection test (SA Water sites)

A cross-connection test must be conducted by the plumbing contractor who installs the non-drinking water system. In addition, plumbing contractors are required to book a cross-connection test with SA Water by calling 7424 1360 by 3pm the day before the test is required.

Cross-connection test (other water entity sites)

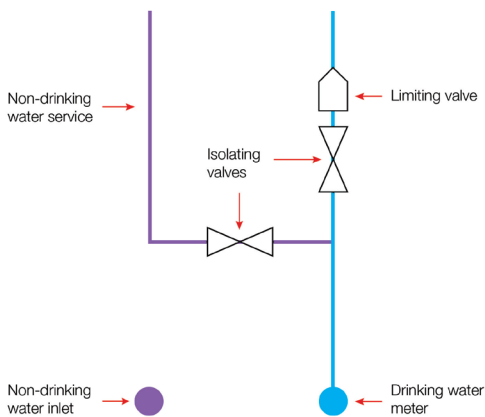
A cross-connection test must be conducted by the plumbing contractor who installs the non-drinking water system. An additional cross-connection test is to be performed by the water entities plumbing contractor at the time the non-drinking water meter is installed. It is the responsibility of the plumber, builder or owner to contact the developer to arrange for the cross-connection test.

A Certificate of Compliance for the non-drinking water (in-wall or in-ground) and cross-connection test is forwarded to the owner/developer of the property and the OTR within seven days of completing the work.

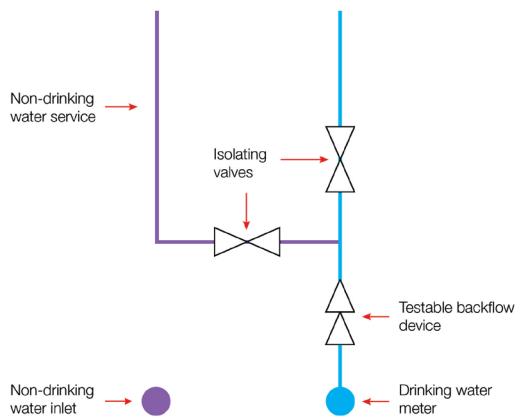
Plumbers are required to:

- install a loop at the location of the water meter to ensure that only drinking water is used to conduct the cross-connection test (see diagram below)

Class 1a buildings



Other than Class 1a buildings



- install compliant signage and taps (as per image shown)
- ensure all pipework, including the risers to garden taps, is purple
- ensure all exposed plastic pipework is protected from direct sunlight

Maintenance

Property owners with non-drinking water (recycled) services are required under the *Water Industry Act 2012* (S69) to ensure that those services are maintained in operational compliance.

Compliance

The OTR conducts audits of non-drinking water installations including final inspections. The *Water Industry Act 2012* has provisions for the OTR to expiate/prosecute plumbers for non-compliant plumbing installations.



Image 1: non-drinking (recycled) water signage and tap

Contact the Office of the Technical Regulator for more information

Online sa.gov.au/otrplumbing

Email otr.plumbregulator@sa.gov.au

Phone 1300 760 311



Government of
South Australia