

JULY 2017

## Conditions of connection for dual pipe areas within Coliban Water

These 'Condition of connections for dual pipe areas within Coliban Water' are imposed under section 145 of the Water Act 1989 and apply to the current owner, future owner and all occupiers of, the property. Any failure to comply with these conditions may result in:

- A refusal of Coliban Water to allow the connection; or
- The disconnection of any existing connection, to the recycled water supply.

### General Conditions

- Properties within a mandated recycled water area must connect to Coliban Water's recycled water network.
- Properties connected to recycled water must use it for the purposes of toilet flushing and all fixed and mobile garden watering devices.
- All recycled water plumbing work must comply with *Australian Standard 3500-2003 (AS3500-2003)* and any other requirements issued by the Victorian Building Authority (VBA) and Coliban Water.
- All plumbing work within the property must be carried out by a licensed or registered plumber.
- Drinking and recycled water assemblies and meters will be installed at the same time.
- The property owner and occupier must allow Coliban Water or its authorised representative(s) to access the property for the purpose of any inspection or otherwise in relation to the recycled water works.
- Coliban Water does not inspect for the purpose of assessing compliance with any plumbing standards or other regulation or guideline (Plumbing Standards). These responsibilities lie with the owner and the owner's Plumber and are regulated by the VBA. Coliban Water may, but is not obliged to, report to the VBA any apparent breach of any such Plumbing standards.
- The purpose of the inspection(s) by Coliban Water is to assess the recycled water works against the 'Conditions of Connection for dual pipe areas within Coliban Water' and the requirements outlined in *Dual Pipe Water Health and Environment Risk Management, EPA publication 1015.1*
- All pipe work and associated fittings supplying recycled water must be purple, in accordance with the National Plumbing Approval Scheme, and must clearly display the approved markings.
- Purple identification tape stating "RECYCLED OR RECLAIMED - WATER – DO NOT DRINK" must be attached to the top of buried recycled water pipes at three metre intervals.
- A recycled water tap must be installed in the front and backyard. There must also be at least one potable (drinking) water tap outside.
- A recycled water tap must be installed immediately after the recycled water meter in the front yard. Potable taps must not be used for garden watering purposes.
- The recycled water meter should be positioned to the left of the potable water meter when viewed from the front of the lot maintaining 300mm separation from the drinking water meter.
- External recycled water taps need to:
  - Be purple in colour
  - Have removable handles so they are not used incorrectly
  - Have a non-standard thread (normally 5/8 inch BSP inlet)
  - Have a prohibition sign (complying to AS1319)

### For the Tapping Inspection

- The licensed plumber is required to inform Coliban Water within 24 hours of tapping the recycled water main. The trench is to be left open until a Coliban Water representative has inspected the tapping. Failure to comply with this requirement could result in having to reopen the trench for inspection.
- When inspected by Coliban Water, the recycled water meter will be fitted with a lock. The lock will be removed on successful completion of the R3 (commissioning stage) inspection by Coliban Water. Only the VBA or Coliban Water are authorised to remove the lock.
- The minimum spacing between below ground recycled and drinking water pipes is 300mm. The minimum spacing to other services remains as per *AS3500-2003*.
- A copper tracer wire must be attached to the service pipe for all water services that are of non-metallic piping. The tracer wire shall start at the ferrule bend and finish at the meter stop.

### For Recycled Water Inspections (R1, R2 & R3)

- The licenced plumber is required to book R1 (meter to house stage), R2 (rough in stage) and R3 (commissioning stage) inspections with Coliban Water, with at least 48 hours' notice at each stage.
- Coliban Water conducts R1 and R2 inspections at random, as part of a risk based approach. The licensed plumber will not be notified whether the R1 and R2 inspections will take place.
- The R3 inspection is mandatory and the recycled water connection will not be unlocked until a Coliban Water representative has approved the commissioning of the connection.
- The minimum spacing between above ground recycled and drinking water pipes is 100mm. Cross overs between drinking water pipes and recycled water pipes is to be avoided. The minimum spacing to other services remains as per *AS3500-2003*.