

Pressure testing, chlorination and bacteriological testing of all water supply pipework

All water supply mains and submains are required to be pressure tested, chlorinated and bacteriologically tested in accordance with CSS.

This requirement will be effective immediately and applies to:

- Council projects: capital works renewals and new assets for growth
- Subdivisions to be vested in Council
- Other private work to be vested in Council e.g. NZTA projects

Council requirements:

1. The pressure test must be witnessed by a representative of the CCC Technical Services & Design – Contract Management Team (CCC CMT Representative), with the water installer providing formal notice of at least 2 working days.
2. Chlorination must be approved by a CCC CMT Representative once all pressure testing requirements are met to the CCC CMT Representative's satisfaction.
3. Chlorination must be carried out by experienced personnel from City Care Ltd or Independent Pipeline Services Ltd which are CCC approved for this work:

City Care Ltd:

Edward Tritt 027 232 8131 (main contact)

Ken Pycroft 027 229 8072

Bruce Stewart 027 230 9862

Paul Costello 027 495 8976

Brian Newth 027 247 9251, brian.newth@citycare.co.nz (supervisor)

Independent Pipeline Services Ltd:

Stuart Potts 027 4466 080, stu@ipipelineservices.co.nz (main contact)

Daniel Purves 027 9399 383, danielmpurves@icloud.com

4. The FAC level in the chlorinated main after 24 hrs contact time must also be witnessed by a CCC CMT Representative, with 24 hrs notice being provided.
5. A sample of fresh water following post-chlorination flushing must be collected **by the person undertaking the chlorination** for bacteriological testing at the CCC laboratory.
6. The CCC authorised water installer shall obtain approval from a CCC CMT Representative to live new pipework following clear bacteriological testing. Allow at least 2 working days from time of sampling for laboratory results to be available from a CCC CMT Representative.
7. The contractor must also submit a Hygiene Certificate in accordance with CSS: Part 4 2015, Clause 4.

For further information and formal notifications including pressure testing, chlorination and bacteriological water test results please email watertests@ccc.govt.nz.

Please note that site visits, approvals and witnessing by the CCC CMT Representative will be carried out during normal business hours (Mon to Fri 8am to 5pm). Outside these hours by prior arrangement only.

Note that stage 2 will see this process rolled out to fire services and direct connections (off water mains) as well. In the meantime Appendix D of the terms and conditions of being a CCC Authorised Water Supply Installer still applies to the installation of all water supply infrastructure including fire services and direct connections.

Thank you for your cooperation.