

Pressure Testing, Chlorination, and Bacteriological Testing of Water Supply Pipework

All water supply mains and submains, including fire services and direct connections (off water mains), must undergo pressure testing, chlorination, and bacteriological testing in accordance with CSS Part 4 2022. This requirement is 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. A representative of the CCC Technical Services & Design – Contract Management Team (CCC CMT Representative) must witness the pressure test. The CCC Authorised Water Installer must provide formal notice at least **5** working days in advance.
2. Chlorination must be approved by a CCC CMT Representative once all pressure testing requirements are met to their satisfaction. Chlorination must be carried out by experienced personnel from the following CCC-approved list:

City Care Ltd:

- Paul Costello: 027 495 8976
- Brian Newth: 027 247 9251, brian.newth@citycarewater.co.nz

Independent Pipeline Services Ltd:

- Stuart Potts: 027 4466 080, stu@ipsl.co.nz
- Matt Dent: 027 275 5979 pipeline03@ipsl.co.nz
- Cody Finn: 027 939 9383 pipeline02@ipsl.co.nz

Coast to Coast:

- Murray Smith: 027 223 0636 murrays@trenchingdynamix.co.nz

Maestros Water Solutions:

- Alex Rondel: 027 759 1742, alex@maestrowatersolutions.co.nz
3. The FAC level in the chlorinated main after 24 hours of contact time must also be witnessed by a CCC CMT Representative, with 24 hours' notice provided.
 4. 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.
 5. The CCC Authorised Water Installer must obtain written approval from a CCC CMT Representative to activate new pipework following clear bacteriological testing. Allow at least **5** working days from the time of sampling for laboratory results to be available.
 6. The CCC Authorised Water Installer must also submit a Hygiene Certificate in accordance with CSS: Part 4 2022, Clause 4, and Appendix 6.

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, visits are by prior arrangement only.