

Hamilton City Development Manual	
Volume 4 : Quality Systems for Land Development	Part 6 – Water Reticulation
Authorised by : Water & Waste Services Manager	Page 1 of 1

PART 6: WATER RETICULATION

6.1 General

Council's Role includes random audits of a sample of the Works for compliance, and witnessing and acceptance of:

- a) All pressure testing and sterilization
- b) All thrust blocks, valves, hydrants and other specials
- c) The final inspection prior to 224 (c) approval.

The Engineer shall carry out the following checks on all works to certify compliance:

- i) Position and depth of pipeline relative to boundary conforms with approved drawings
- ii) Type, class, size of pipes and fittings confirms to HCC Technical Specification – Acceptable Products (Volume 3)
- iii) Before pipe laying commences check that pipes are at correct level and alignment to join existing mains and jointing procedures are agreed.
- iv) Thrust blocks installed where required. Check adequacy of bearing.
- v) Correct bedding and surround
- vi) Backfilling to specifications
- vii) All QA checklists and test certificates completed, checked for compliance and submitted to Council as the work progresses
- viii) No debris in pipelines
- x) Ensure that Contractor carried out successful pre-test prior to advising Council of formal test.
- xi) Council present to witness required testing and for final inspection
- xii) As-built information logged.