

WATER SUPPLY CERTIFICATION CHECKLIST

Name of Subdivision:	
Council File Number:	
Main Contractor:	
Applicant Engineer and Company responsible for supervision:	
Qualifications:	

		Y	N/A	N	Applicant Engineer Date inspected & comments	TCDC Field Rep- Date witnessed and comments
E1	Mains laid in the position shown in the approved engineering drawings.					
E2	All pipework, valves & fittings inspected by Engineer prior to backfill & found to be satisfactory.					
E3	All pipe diameters & classes as per approved engineering drawings.					
E4	All pipe jointing & connecting systems are in accordance with the TCDC Code of Practice, approved engineering plans, & relevant NZ Standards.					
E5	All pipes and fittings are laid on uniform fine bedding.					
E6	All anchor blocks required are installed.					
E7	Minimum 500mm separation distance between mains & other services has been achieved.					
E8	Minimum cover to mains is 900mm in carriageway, 600mm in berms & footpaths, & 350mm at tobies.					
E9	All trench backfill compacted to required standard.					
E10	Fire hydrants provided as per approved engineering drawings.					
E11	Air Valves, sluice valves and peet valves provided as per approved engineering drawings.					
E12	All hydrant and valve boxes installed.					
E13	All Top of hydrant spindles between 115mm and 300mm below finished ground level.					
E14	All hydrants flow tested and certification provided by an independent authority.					
E15	After backfilling, all mains & connections have passed a pressure test in the presence of the supervising engineer.					
E16	A (metered) water connection has been provided to each lot in accordance with the TCDC CoP.					
E17	All mains have been disinfected prior to connection to Council mains.					
E18	New subdivision reticulation system connected to Councils mains.					
E19	All chambers constructed as per CoP.					
E20	Location of mains features including manholes and connections are recorded for as building.					

Comments:

This certification includes any modification made to design criteria during construction & is based on regular observations of work undertaken, witness, assessment & acceptance of quality compliance data together with the contractors stated compliance with the project drawings, details, TCDC Code of Practice details, requirements & specifications.

Notwithstanding this level of input, some elements of construction & materials may vary from the ideal details & requirements of the project documents & some departures should be expected. In providing this certification, the consent holders representative does not warrant absolute compliance but claims that good, normally acceptable engineering design & construction implementation practices have been undertaken.

Print Name & Sign:(Engineer)

Date:.....