



WATER STORAGE **FOR FIREFIGHTING PURPOSES**

If you are considering building a new dwelling within a rural area or an area which cannot be connected to a high pressure water supply, you need to be aware of the requirements to have water storage for fire fighting.

Under section 7.22 of the Gore District Council Subdivision and Land Development Bylaw 2011 all developments shall be provided with fire fighting capacity in accordance with the New Zealand Fire Service Fire Fighting Water Supplies Code of Practice SNZ PAS 4509.

Where a development cannot be connected to a high pressure supply the following will apply:

Each allotment will require:

- (a) The installation of a dedicated fire fighting water supply of at least 20,000 litres within a 30,000 litre tank within 90 metres of any dwelling. Alternatively, a 7,000 litre fire fighting reserve can be provided for each dwelling in association with a domestic sprinkler system. Storage may be above or below ground.
- (b) Heavy-duty vehicle access a minimum of 4.5 metre wide and 11 metre long to a connection site on a hardstand area suitable for fire service appliance parking. Access shall be maintained at all times to the hardstand areas. The connection site shall be within 6 metres of the water source.
- (c) Connections that are compatible with Fire Service equipment. The fittings are to comply with the following standard, being either:
 - 70 mm instantaneous couplings (female) to SNZ PAS 4505 Specification for Fire Fighting Waterway Equipment, or
 - 100 mm and 140 mm suction coupling (female) to SNZ PAS 4505 Specification for Fire Fighting Waterway Equipment with the hose tail of the same diameter as the threaded coupling, e.g. 140 mm coupling to have 140 mm hose tail.

Alternatively communal water supply tanks servicing a number of properties may be utilised provided that:

- At least two tanks are located within 135 metres of each building.
- Each tank has at least 20,000 litre capacity.
- Permanent couplings for private tanks are installed at each tank.

For further information regarding water storage, please contact Council's Planning Department on 209 0330.