

Under the present condition some parts of the city have no reason to complain and probably have always had a good supply for domestic and fire purposes. It is necessary that the same benefit should be extended to all parts of the city in order that the feeling of security, the advantages arising from reduced premiums for insurance, and the luxury of a full supply of pure water enjoyed by that part of the city where the most trade is carried on, the bulk of the merchandise stored and the most costly buildings erected, may be equally enjoyed by all.

The quantity of water available in the High Service system should be ample to supply one-half of the city (in population.) The City Works yield enough water to supply a population of 80,000 and if anything like economy were enforced the supply would suffice for a much larger number. With a source 200 feet above tide, making every allowance for loss of force from friction in pipes and constant draught for domestic supply, all points 150 feet above tide should be provided by the Low Service with sufficient means for extinguishing fires. Such, however, is not the case and in some places the High Service is let down to points 94 feet above tide. These extensions have destroyed the High Service and in any dry season it is liable to become exhausted.

#### **Prevention of waste.**

I would not give so much attention to waste concerning which the Council has already heard so much, if no remedy could be recommended. In some countries it has been found necessary to adopt very harsh measures in order to try and prevent unnecessary waste. Waste in cold climates depends on the regulations for prevention and the degree of stringency with which such regulations are enforced.

A step in the right direction has already been taken. House to house inspections are made during the winter and the water is turned off wherever exposed taps or pipes are discovered. We

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