

Water Distribution Engineering

Drinking Water Distribution - Wessler Engineering

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Construction and Maintenance of Water Distribution System. The basic requirements of pipes for water distribution system are adequate strength and maximum corrosion resistance. Cast iron, cement-lined steel, plastic, and asbestos-cement compete in the small Sizes, while steel and reinforced concrete are competitive in the larger sizes.

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The process of distributing treated water to the consumers is called water distribution system. The distribution system includes pumps, reservoirs, valves, water meter, pipe fittings, etc. The cost of the distribution system is about 40-70 % of the total of the entire scheme. A good water distribution system aims to supply water to all the consumers whenever required in sufficient quantity with required pressure without any leakage.

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ABSTRACT The provision of clean Water Supply is one of the major factors that greatly contribute to the socioeconomic transformation of a country by improving the health thereby increasing life standard and economic productivity of the society.

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