

Masterton Water Treatment

Update 29 May 2013

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Today's decision

David Hopman has tabled a report recommending continued chlorination at a cost of around \$474,500.

The Environmental Protection Agency in the US has issued a new drinking water standard which will feed through into the NZ Standard. This is in response to the serious deficiencies of chlorine based treatment systems for surface waters, such as that used by Masterton.

The new standard is the Long Term 2 Enhanced Surface Water Treatment Rule (LT2 Rule).

The Medical Officer of Health is as yet unaware of this new standard and is apparently ignorant of the reasons for it.

The likely cost for a new complying filter system is around US\$357,500 ex factory and is attached. The installed cost for the improved system would be comparable with the cost of repairing the old sand filters.

Upgrading can be undertaken without reducing water flows.

The recommendation to Council to continue with the existing system is to throw good money after bad in the mistaken belief that no harm will come of it. I hope Council may consider otherwise.

Date: 29 May 2013

Stephen G. Butcher (B.Arch, Dip.BS)

Attached:

Fact Sheet Long Term 2 ESWTR

Correspondence with Harmsco

MUNI Brochure

LT2 Cartridge Brochure

Harsmsco 1 micron town filter

Hurricane Premium Polyester Brochure