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Energy-Efficient Sewer Systems

Gravity sewers should be provided where possible. Pumping requires approximately 4 Wh per m³ and m head.

Sewer flushing by means of tanker lorries requires much fuel and labour. Average annual costs are about 1 € per m sewer length, if sewers are flushed every 1 to 2 years. Over 250 million € are spent in Germany for sewer flushing every year, with limited effect.



Storm screens are provided to retain solids at combined sewer overflows and reduce surface water pollution. Their power consumption is very low since they operate only periodically (See [HUBER Storm Screens](#)).