

## 7 New and Replacement Water Mains

When new and replacement treated water mains are laid, a rigorous programme is undertaken to ensure that they are sterilised before being brought into service. Disinfection and flushing of the main is undertaken, followed by a programme of sampling and analysis of water within the pipes. The sampling programme requires three samples to be taken, with each sample taken at least 24 hours apart, with all three samples being subject to a full physical and bacteriological analysis to ensure the water main is sterile and fit for service.

In 2009, some 135 samples were taken from new and replacement treated water mains.

