



# Water quality

**Water quality is checked at every stage on its journey to your taps. At the treatment works it is monitored 24 hours a day, 365 days a year, to ensure that the water is always safe to drink.**

At other places in the water network samples are taken throughout the year for analysis at our laboratory.

During each year over 100,000 tests are carried out and our pass rate currently stands at 99.95%.

## Some of the things we check for

Naturally occurring substances that we check for include sulphate, sodium and selenium as well as manganese, iron, aluminium, nitrates and phosphorus.

Other substances that we have to check for include copper and zinc, lead, pesticides (which are removed through the treatment process), PAH (polynuclear aromatic hydrocarbons) and bacteria.

Small amounts of chlorine are added to water as it leaves the treatment works to kill any bacteria present and to keep the water safe on its way to your tap.

