

How we clean your drinking water

Rainwater is collected in a reservoir and this water is then piped to one of our treatment works where it is cleaned. This process turns the water into drinking water of the highest standard.

pH Adjustment

Sometimes it may be necessary to add chemicals to adjust the pH of the water.

Disinfection

Finally, chlorine is added to kill any bacteria left in the water.

Screening

This is the first step in the treatment process where mechanical screens remove some of the larger debris that can be found in rivers and reservoirs such as branches, wigs and leaves.

Filtration

We filter the water through a layer of sand and gravel. This removes any small particles remaining.

Quality Control

Before the water leaves the site it is tested to make sure it is clean enough to drink.

Clarification

A chemical is added to the water which causes smaller particles to cling together. These particles build into larger clumps which are then easier to remove.

Service Reservoirs

Treated water is stored in a service reservoir ready to be used.

