



FRESHER WATER

How do Water Treatment Plants Filter Water?

Screening

Water drawn from rivers and reservoirs is passed through screens that remove any large objects that could block or damage equipment.

Anti-Coagulation

The water is then pumped into tanks where a chemical is added to help solid material in the water to settle.

Clarification

The water is fed into a tank where the material settles at the bottom and is removed in the form of sludge.

Disinfection

The water is disinfected using carefully controlled amounts of chlorine to kill bacteria.

Filtration

The water flows into rapid gravity filters where it passes through layers of sand and gravel. Carbon Filters can also be used to remove tiny traces of pesticides which occur in river water.

Chlorination

A final check is made on the chlorine levels before the water is pumped into supply.