



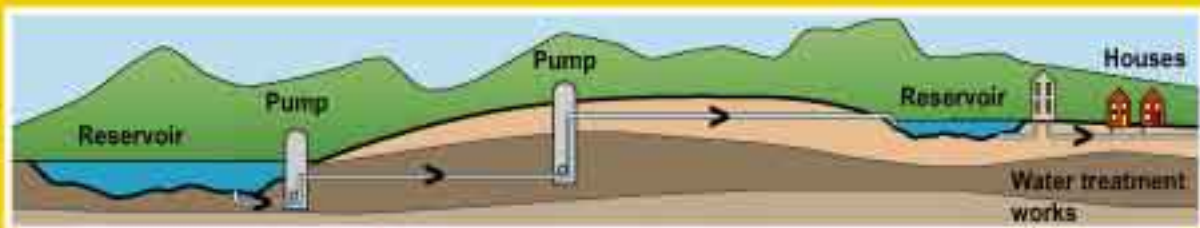
## Moving clean water and sewage

### CLEAN WATER

Once it has been through the water treatment works the clean, treated water either flows by **gravity** or is pumped through supply pipes, called **trunk mains**, which are up to 1.5 metres diameter.



The water ends up in a covered storage tank, called a **service reservoir**. In some areas, the trunk mains lead to **water towers**. Water is pumped to a tank at the top of the tower, where **gravity** takes over to feed the houses, schools, factories and farms through a network of smaller pipes in our cities, towns and villages.



In East Anglia, the flat land means that gravity cannot always be used to move the water around. This means that there are often series of pumping stations and service **reservoirs** to help move the water around the region. It can take water up to a week to travel from the treatment works to the houses at the end of the pipes, so more **chlorine** is added to keep the water clean and pure.

Unlike the pressurised system that 'pushes' the water to our homes, the wastewater and sewage is taken away from our homes using **gravity**. The pipes slope very slightly downhill.



Water flows downhill and everything that goes down the toilet, sinks and drains in your home moves through the pipes towards the sewage treatment works.

In very flat areas such as much of the Anglian Water area, the sewage has to be pumped uphill again occasionally to keep it moving.