Bore-to-tap sequence 2 (UV treatment only)

Cut out the pictures on pages 2-4 and explanations below. Match the pictures with the explanations and place them in the correct order to show how your water gets from the bore to the tap.

Transfer Pump

The transfer pump forces the water from the ground holding tank up into the overhead tank.

UV Disinfection

The UV system helps make the water safe to drink. It has tubes with very strong lights inside, like the light from the sun. The light is strong enough to kill any tiny bugs in the water that could make you sick.

Using Water

The water from the taps inside has been treated and is safe to use for drinking, washing and cooking.

Supply Bore

Large pipes are drilled into the ground to the aquifers. The groundwater can then be pumped up to the surface so it can be used.

Overhead Tank

The water is held in the overhead tank until it is needed. The tank is up in the air so that the water can automatically run down the pipes for UV disinfection before flowing into the houses, school and clinic.

Ground Tank

Water is stored in large tanks on the ground. These act as a holding area for the water before treatment. They have a sensor inside to tell when more water needs to be pumped from the supply bore.

Rain

When it rains, some of the water soaks through the ground into underground aquifers. This water is called groundwater.

Meter

Meters are small machines that are connected to the water pipes and record how much water is being used. The meters can help show if there are leaks in the pipes and give information on the way water is used.