

# Water Treatment Fact Sheet



There is a lot of water underground, and when it mixes with the chemicals and minerals found underground, it becomes dirty. It used to be pumped into rivers where it could harm wildlife. Now we clean it before we release it.

The water is pumped out of the mine using a submersible pump a bit like this one.



The water enters a balancing pond. It is orange because there are iron minerals in it from underground.

The water flows through four settling ponds, which look like really big swimming pools. Here, the iron minerals sink to the bottom because they are heavier than the water.



The water flows down again, into the reed beds, where the last of the iron particles stick to the reeds and only the clean water is allowed to flow into the stream.

