

LWAZI ASKS - WHERE DO WE GET OUR DRINKING WATER FROM?

1 GAUTENG'S WATER IS PIPED FROM THE VAAL DAM TO RAND WATER'S PURIFICATION PLANTS

2 AT THE PLANTS, WATER IS PURIFIED 24 HOURS A DAY!

3 CHEMICALS ARE ADDED TO THE WATER TO GET RID OF THE DIRT

4 IN THE SETTLING TANKS, CHEMICALS AND THE DIRT FORM A LAYER CALLED FLOC, THAT SETTLES TO THE BOTTOM

4 CLEAN WATER IS DRAWN OFF INTO SAND FILTERS

5 SAND TRAPS VERY SMALL BITS OF DIRT AS WATER FILTERS THROUGH IT

6 AFTER THE PURIFICATION PROCESS, THE FINAL WATER GOES TO BIG HOLDING TANKS CALLED RESERVOIRS

CHLORINE IS ADDED TO KILL BACTERIA SO THAT THE WATER IS SAFE TO DRINK

7 AT LAST! THE WATER IS PIPED ALL OVER GAUTENG!

8 IN GAUTENG, WE USE 2800 MILLION LITRES OF WATER PER DAY!

9 EACH PERSON USES ABOUT 200 LITRES A DAY!

LUCKILY WE CAN JUST TURN ON THE TAP!

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