

FROM SOURCE TO CONSUMER

BEFORE WATER CAN BE SAFELY CONSUMED, IT MUST BE COLLECTED AND TREATED THROUGH SEVERAL PROCESSES, WHICH RESULT IN POTABLE WATER.



STEP
01

SCREENING

FIRST, COLLECTED RAW WATER UNDERGOES PRELIMINARY TREATMENT; WHICH IS THE SCREENING OF ORGANIC MATTER SUCH AS LEAVES, BRANCHES ETC. THAT MAY BE PRESENT.

SEDIMENTATION

THIS PROCESS EMPLOYS GRAVITY TO REMOVE SUSPENDED SOLIDS BY ALLOWING THEM TO SETTLE.

STEP
02

STEP
03

SLOW SAND FILTRATION

THIS IS BOTH A PHYSICAL AND BIOLOGICAL PROCESS WHICH REMOVES THE REMAINING SEDIMENTS AND PATHOGENS BY PASSING THE WATER THROUGH LAYERS OF SAND.

DISINFECTION

THIS IS A PROCESS WHICH REQUIRES THE MEASURED ADDITION OF CHLORINE; WHOSE PURPOSE IS TO RID THE WATER OF POSSIBLE HARMFUL ORGANISMS THAT ARE PRESENT AND THAT MAY COME IN CONTACT WITH THE WATER IN FUTURE.

STEP
04

