

# Hydrogen Peroxide System

## FUNCTIONS:

Raw water from either wells, dugouts, lakes or rivers is injected with hydrogen peroxide by a chemical feed pump. The water is then fed into a properly sized retention tank. The hydrogen peroxide will kill bacteria such as coliform and E. coli. The hydrogen peroxide will also oxidize iron, manganese and will eliminate hydrogen sulphide gas (rotten egg odor). The water is then fed into a properly sized multi media filter which is designed to remove all of the oxidized iron, oxidized manganese, odor and hydrogen peroxide residual.

## ELIMINATES:

- Iron - Iron Staining - Rotton Egg Odor
- Bad Taste - Algae - Coliform Bacteria
- E-coli Bacteria - Slime - Manganese (Black Slime)

## PLEASE NOTE:

- The chemical pump check valves must be cleaned periodically to ensure that hydrogen peroxide is injected properly. The retention tank should be flushed weekly for optimum performance. Hydrogen peroxide must be diluted with filtered water in order to ensure proper hydrogen peroxide residual. Media rebeds should be replaced 2-3 years depending on water quality and daily usage.

## SYSTEM INCLUDES:

- Chemical Feed Pump
- Solution Tank
- 5 Gallons Hydrogen Peroxide
- Retention Tank
- 10/54 Fully Automatic Multi-Media Filter
- By-Pass Valve
- Hydrogen Peroxide Test Kit



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