

Bio Sand Filter
Where It has been Implemented
Different Countries





 \mathcal{O} Hydraid $^{\circ}$

Description: It is a plastic container filled with sand and gravel, into which water is poured periodically. The biolayer of microorganisms that is created on the surface of the sand filters and removes pathogens from the water, which flows by hydrostatic pressure or sphon to a container of clean water. Sand and gravel are sourced locally.

Interesting features: It is one of the few technified bio sand the market. It also promotes community activation, as must be obtained.

Source: Hydraid, 2022 / Hydroald.org | Link Managem method: Director



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Alta Verapaz, Guatemala

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climate change adapt

water supply

water filtration

water scarcity