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Grey Water To Great Water: The Scientific Study Of Filtration Type And Water Cleanliness

My question was, which material works the best as a filtration system for grey water reuse? To conduct my experiment I set up filters, filtered household grey water, tested the cleanliness of the water using water quality test strips, and then compared it to the cleanliness of the unfiltered grey water, to the filtered water, to clean tap water. I discovered that cotton filtered the water the best, but when I poured 300 ml of grey water into the filter, only 75 ml of water came through the filter. I also found out that the water that came through the sand filter was yellow, and it was the worst quality. The water from the charcoal filter turned black, and was the second best quality. This experiment can help the world by finding out which filtration works the best for filtering grey water. It can help because if people use grey water filters with a good filtration they can reuse household grey water watering plants or lawns and can save water.