

# An Experimental Approach to Treat Greywater using Activated Carbon of Rice Husk

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**Abstract:** *Water is the lifeblood of our existence, an essential elixir that sustains all living beings in myriad ways, from nourishing crops to powering industries and quenching our thirst for innovation. The vitality and richness of ecosystems hinge upon the movement of the tide and flow of water's presence. With a staggering 97.2% of our planet's water reserves locked in saline embrace within the vast oceans, the precious 2.8% of freshwater, a mere trickle in comparison, dances between surface waters and hidden aquifers. As humanity burgeons, stretching the seams of global population, the chasm widens between our thirst for freshwater and its dwindling supply. Thus, the clarion call to safeguard our freshwater reservoirs and ingeniously repurpose wastewater echoes across continents.*

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