

**MINIMAL
CHANGES
TO INCREASE
THE EFFECTIVENESS
AND EFFICIENCY OF
WASTEWATER
TREATMENT
SYSTEMS**



1



Localizatoion of Treatment and Reuse of Wastewater:

Wastewater treatment systems have the capability to recycle water on a large scale. However, simple modifications such as utilizing greywater (i.e. water from bathroom washbasins, washing machines, etc.) after it has undergone treatment for gardening, watering plants, and toilet flushing can significantly enhance the effectiveness of the system.

2



Reduction of Waste in Water:

Effective and efficient wastewater treatment systems can be achieved by implementing simple measures such as avoiding the disposal of oil or food waste down the drain, and utilizing non-toxic household cleaners to minimize the addition of chemicals to the wastewater.

3



Minimization of Water Usage:

A small leak, such as a dripping tap, can result in the wastage of 15 litres of water per day, equivalent to over 5000 litres per year. Simple repairs such as fixing leaking taps can lead to significant water savings. Additionally, installing faucet aerators, low-flow showerheads, and toilets with smaller flush tanks can also help minimize water usage.