



SUSTECH

Sustainable Technologies of America

Grey Water Purification System



Por un planeta saludable / For a healthier planet.



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The Technology of Grey Water Purification System is an effective and economical solution for conservation of water. This is a liquid catalyst system to purify the domestic grey water using an In-line devise which not only treats water, but also purifies it. The purity is up to such a high level that the treated water can be re-used for domestic washing and cleaning needs.

The treated water removes bacteria, odors, turbidity, colour, sulphides and other contaminants, organic matter, oil and grease. After treatment, this water becomes crystal clear and pure for reuse in domestic, horticulture or agricultural purposes.

The system is capable of purifying industrial effluents to disposable quality and converts the water to be re-usable. The industrial water usage thus can be reduced as the industry will have the choice to clean its effluent water to re-usable quality, once again reducing the pressure on natural resources.

This chemicals are safer than most others being used in water treatment today. This systems comprises a filtering system surrounded by dual chambers in which specific chemicals are introduced into the filtered water. The device can be scaled in size to meet user needs. Its size is small enough to be installed as part of a residential plumbing system.

The in-line catalyst devise will re-cycle more than 65% of the water that goes into the sewages and makes the water available for domestic use without having to depend on the public supply from government bodies. The cost of such purification is similar or less than the water treatment charges we pay. Besides, the 65% saving of water will put less pressure on our water resources and allow the aquifers to recharge in the natural replenishment speeds.

- Very effective on Oil, Grease & Phenols:
Oil & Grease separated, Emulsified waters demulsified, and other organics neutralized
- Dissolved Oxygen increases manifold
- Odours neutralized instantly
- Pre treatment not required
- Infrastructural build up no need
- Economical set up



Grey Water



Treated Water

