



# Filtrex Advanced STS8

## Advantages of the Filtrex Advanced Secondary Treatment System

Filtrex Innovative Wastewater Solutions are the leaders in the wastewater treatment and our systems are designed to be environmentally friendly to protect and preserve the environmental concerns in your local area.

Our system is certified to AS1546.3:2017. We are the largest locally owned suppliers in Western Australia that produces an Advanced Secondary Wastewater Treatment System, this is necessary in sewerage sensitive areas.

The **Filtrex STS**, has a proven track record for Nutrient (Phosphate/Nitrogen) Removal in wastewater. With ever increasing awareness of water conservation and the effects of discharging untreated effluent in environmentally sensitive areas, our system is a must for applications where nutrient removal is required due to poor drainage or high ground water, nearby catchment areas or open water bodies.

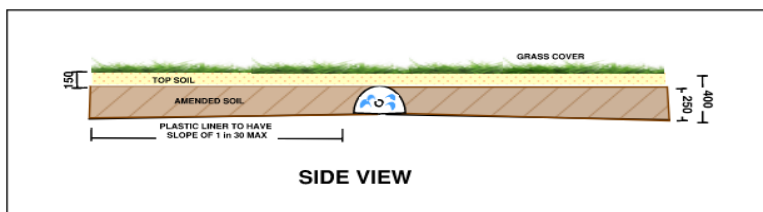
It will meet your long term onsite wastewater needs and at the same time, keep your lawn green.

You will enjoy **ongoing savings** by re-using your household wastewater for sub-surface irrigation and therefore reduce your overall water consumption.

The Filtrex STS System is **competitively priced** and will not require quarterly servicing like other systems.



# How it works



The Filtrex STS treats black and greywater combined.

The first stage of the process involves Septic Tanks which are used in the Primary Treatment of Sewage.

The wastewater then travels by pump into the cell/s and can have a diversion valve if required. The wastewater is filtered through an amended soil sand filter that significantly reduces BOD5, TSS, E Coli, TP and TN to a secondary effluent standard (AS1546.3.2017) as follows:

Effluent Compliance AS1546.3:2017	
Biochemical Oxygen Demand (BOD5)	<10mg/L (Ave. <4)
Total Suspended Solids (TSS)	<10mg/L (Ave. <5)
Total Phosphorus (TP)	(Ave. 0.05mg/L) = 99% reduction
Total Nitrogen (TN)	(Ave. 22mg/L) = 62% reduction

## Benefits for You

- ✓ 100% of household wastewater can be recycled
- ✓ **No servicing contracts**
- ✓ **No chlorine tablets**
- ✓ **No pump running 24 hours a day**
- ✓ The Filtrex STS system is **competitively priced** through a patented innovative design and will not require quarterly servicing
- ✓ Wastewater to be dispersed over a larger irrigation area
- ✓ Lawns and gardens can be sustained with little or no watering
- ✓ Reduces the cost of maintenance
- ✓ No need for above surface sprinklers
- ✓ It has a very low profile, made from 5mm galvanised steel coated with industrial strength PVC material, making handling easy
- ✓ Due to its construction, water irrigates the lawn horizontally rather than straight down

## Contact Us

Give us a call for more information about our services and products

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Visit us on the web at  
www.filtrex.com.au