

Filtrex Nutrient (Phosphate) Removal System

Wastewater Recycling...
the future is in your hands



Introduction

With ever increasing awareness of water conservation, the Filtrex Nutrient (Phosphate) Removal System is a must for domestic wastewater treatment.

It will meet your **septic 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 Nutrient (Phosphate) Removal System is **competitively priced** through a patented innovative design.

How it works

The Filtrex Nutrient (Phosphate) Removal System treats black and greywater combined.

The first stage of the process involves septic tanks which are used to break down solid waste and aid in the reduction of bacteria. The wastewater then travels by gravity into one of the cells via a diversion valve. The wastewater is then filtered through amended soil where nutrients such as phosphate are removed.

The Filtrex Nutrient (Phosphate) Removal System is an alternating system with a diverter box which can change the flow of the effluent allowing one half to be shut off. This allows the unused half to dry out which rejuvenates the soil's ability to receive effluent.

Benefits for You

- ✓ 100% of household wastewater can be recycled
- ✓ No servicing contracts
- ✓ No chlorine tablets
- ✓ No pumps running 24 hours a day
- ✓ 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
- ✓ Lowest installation height in the market
- ✓ Over summer nitrogen removal is better than 90%.
- ✓ The lifetime of effectiveness of amended soil (PRI about 60) is estimate to range from 16 to 37 years..

Approved by the WA Department of Health

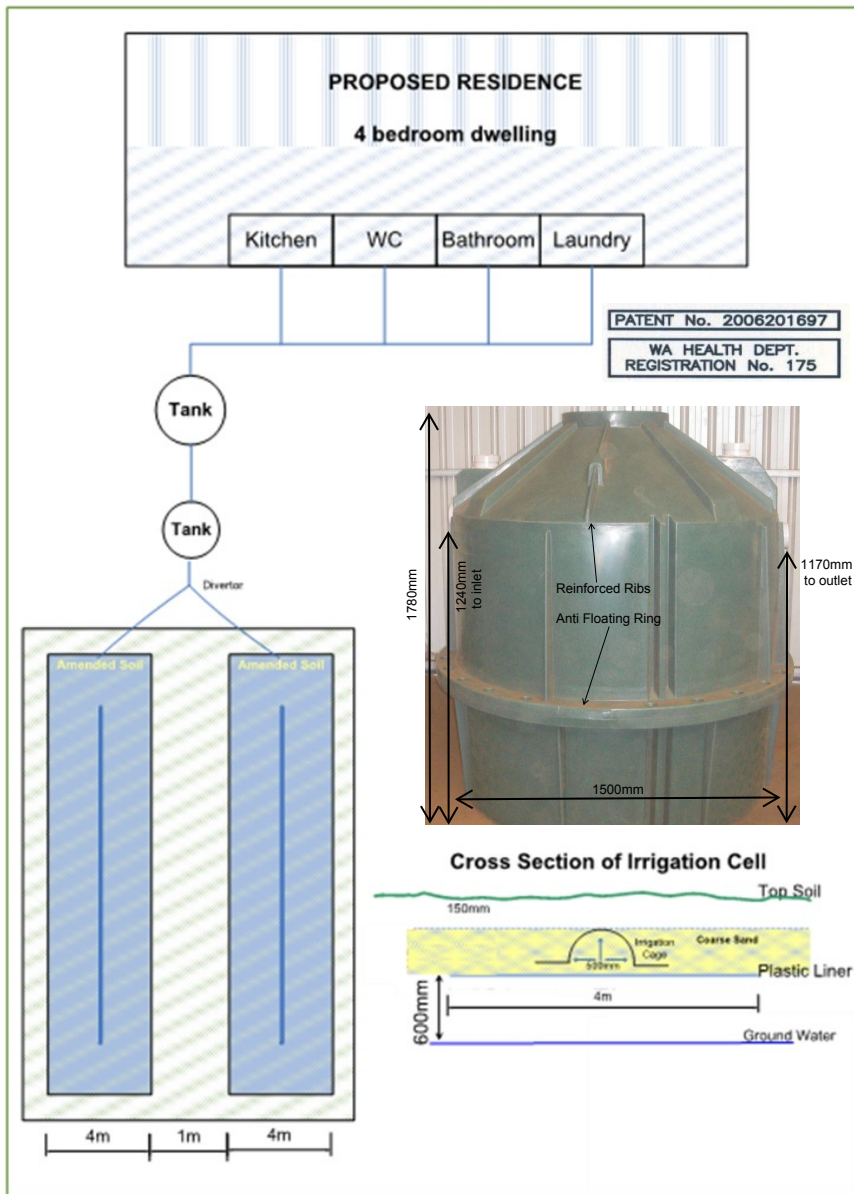


Quality Guaranteed

Significant technical endeavour has gone into the design, development and testing of the Filtrex Nutrient (Phosphate) Removal System. This has resulted in a high quality product which is simple, cost effective, low maintenance and energy efficient. In addition, we offer a 5 year guarantee on our installation.

Site Location

The Filtrex Nutrient (Phosphate) Removal System is a sub-surface system and it can form part of a lawn or fibrous rooted landscape. However, it is not designed for vehicle or heavy equipment movement across the surface area.



Other Filtrex Products

We manufacture, supply and install a wide range of wastewater products to suit your specific needs:

- **Septic Systems** — Irrigation Leach Drain
- **Water Re-use Systems** — Split Black & Greywater Systems
- **Greywater Systems**

Contact us to discuss customising a solution to meet your wastewater requirements.

Filtrex Innovative Wastewater Solutions

Ph: (08) 97 260118

Fax: (08) 97 260117

PO Box 5122, Bunbury WA 6231

59 McCombe Road, Bunbury WA 6230

Email: info@filtrex.com.au

www.filtrex.com.au