

## OUR MISSION

"To provide a low cost, passive filter which requires no power or chemicals to drive the treatment process and deliver a safe "reuse water".



TO ARRANGE A DEMONSTRATION, CONTACT US ON  
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# aquareuse

the CLEAR SOLUTION  
to a growing concern





## A GROWING CONCERN

Without a doubt an increasing concern facing environmentalists all over the world today is the ever-diminishing resource of our water supplies. High levels of pollution in these resources are multiplying to the point where untreated or badly treated waste water is finding it's way into ground water systems, natural waterways and storage areas.

The danger of polluted waste water systems entering clean natural water systems could prove to be fatal and has actually stopped the development of land in many areas. Many of the sewerage treatments used in existing areas have failed and centralised sewerage treatment plants cannot cope with the water flowing into developing areas.

More and more residences are faced with the strain of water restrictions for simple everyday domestic chores such as washing the car. Some areas have restrictions on bath water. In fact the United Nations warns that one third of the Earth's surface is at risk of this creeping catastrophe. China has lost an area the size of Portugal and 30% of Spain is at risk of becoming a desert.

Used water from the bath tub, kitchen sink and laundry is known as 'grey water' and is usually lost after use. Typically 75% of water that ends up down the drain on a residential property is 'grey water'.

AquaReuse now have the long awaited solution many Australian households have been wishing for. The re-use of grey water.

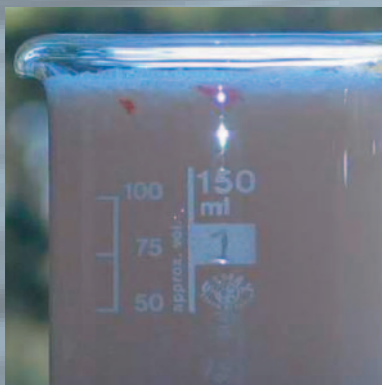
Just one single pass through a natural filter process converts grey water into high quality, clear reusable water, without the addition of chemicals. This water can now be saved and recycled for use in the washing machine, toilet flushing, hosing pathways, watering the garden, washing windows, car washing, fountains, moping floors etc.

Figures from "Sydney Water" show savings in an average 3-4 bedroom home (i.e. 4 to 5 residents) of over 500 litres per house per day is easily achievable. With household usage typically :-

- Toilet 15 to 20%
- Washing 35 to 45%
- Gardening 35 to 45%
- With drinking only 1%

The team at AquaReuse has developed a unique and simple system that uses a natural biology process for filtration of waste water into clear water therefore obstructing the misuse of our valuable drinking water. Environmentally friendly, chemical free and a very low power user, our grey water treatment process is truly a sustainable water recycling option. The AquaReuse solution is scientifically monitored and offers product supply, installation, service and support. The company holds the exclusive rights to this process and product range which offers various opportunities across four major market sectors:-

- New & Existing households (Sales and Service to the home owners)
- Cluster households (Systems sales to developers & or builders)
- Commercial facilities (Resorts, caravan parks and some high rise)
- Major infrastructures where std treatment is cost prohibitive. (Governments & Councils)



## THE SOLUTION IS CLEAR

The AquaReuse filter design has grown from these core target issues...

- Must be a high quality "re-use water" solution
- Safe, meeting all World Health Standards
- Easy to assemble and install
- Easy to maintain (low cost)
- Modular, enabling easy expansion or upgrading
- Continuous operational monitoring
- Service and after sales support
- Low power usage
- Chemical free and Odour free

All targets have been achieved and AquaReuse now offers a mass produced product through a two part product delivery strategy:-

1. Injection moulding plastic components and associated pumps, pipes and fittings.
2. Biological inoculation only after "Quality Assurance" sign off of installation.

To achieve this we outsource the manufacture and kit which is easily re-assembled at site without the need for additional fixings or fastenings. The kit is light weight, easily handled by two men and transported via a standard utility and also easily palletised.

The filter is a multi chambered device which enables a single pass from a domestic waste water source to trickle through various process tiers and provide a clean, highly oxygenated "reuse water" outlet in your own back yard.

Australian Housing details show over 5,000,000 existing freestanding dwellings and over 172,000 new ones built each year. Our easiest market entry will target new homes with major builders and developers, whilst Councils are supporting the opportunity for retrofitting existing homes in many areas.

The engagement of professional product designers, ensures the product meets structural, statutory and all practical aspects in keeping with the surrounding environment. At AquaReuse it is referred to as "The Well".

For more indepth information about this highly efficient and more importantly, very effective solution to our water restrictions, or to arrange a demonstration contact AquaReuse on +61 7 5541 0133.



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