

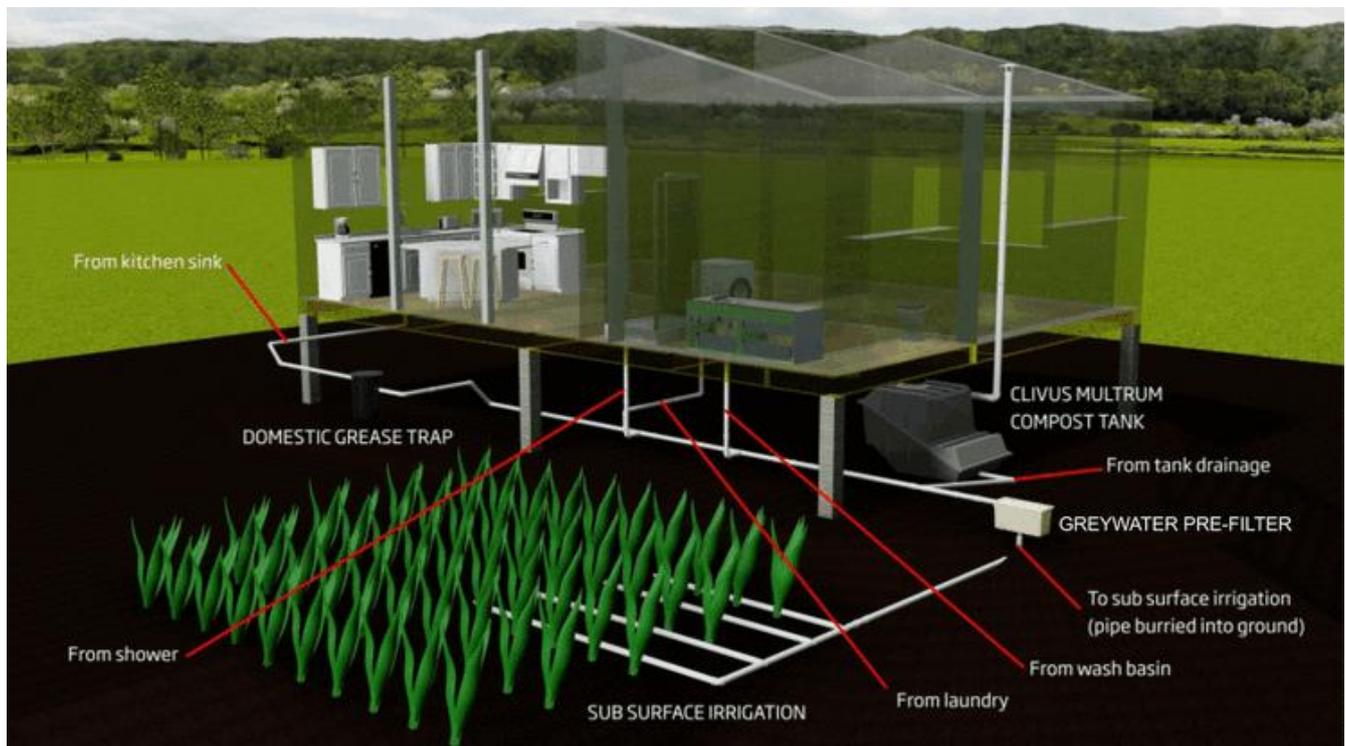
THE GREEN GREYWATER GUIDE

After dealing with many local councils over the past 30+ years, **VIROtech** has a good understanding of what most councils look for in a household greywater system.

A waterless composting toilet reduces the volume of effluent from the household by 45% and reduces the B.O.D. (biological oxygen demand) of the effluent by around 70%. In other words, you have much *less effluent* and it is generally *fairly innocuous* so it requires a much *simpler system* with no storage tank.

Greywater systems are very site specific, so the system your council approves for your block may be very different to that of your neighbour. We recommend you engage a local geo-tech to draft your council application, but suggest they contact VIROtech so we can explain the design principles of a simple, inexpensive but effective system.

On a suitable block, your greywater system could be as simple as a grease trap on the kitchen waste line and some 50mm polypipe laid in furrows across the contours and covered with some geo-fabric and 100mm of bark chips.



VIROtech can supply some of the specialised components for your system, including a greywater pre-filter and flow diverter, but most components are easily sourced from your local plumbing store.

CONTACT us today for more details
0411 29 66 42

GREYWATER SYSTEM COMPONENTS

Nature Clear Greywater Pre-Filter

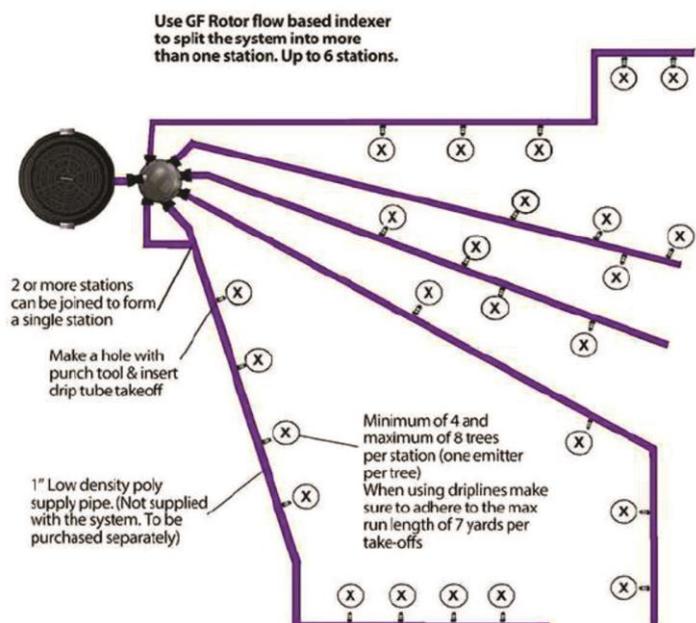
The filtration tank, which is less than 1 cubic meter in size, consists of a pine bark coarse filter on top of different grades of sand and gravel. The filter cloth is provided but due to freight costs the sand and gravel should be sourced locally. Sample bags of these are provided with the system to assist with your selection of the correct grade materials.



The pine bark traps large particles not caught in the grease trap plus lint from the washing machine. The sand filter catches still finer materials, polishes the water and reduces the organic content of the water. The pine bark is separated from the sand by filter cloth. The filtered material and bark will compost over time and should be removed every twelve months and replaced with fresh bark, available from your local garden nursery.

Greywater Flow Rotor

Our greywater flow-diverter automatically rotates supply to up to 6 separate areas as required. This is sometimes useful when the area required to disperse all your greywater is not available at one location, or where you'd like to direct it to various sites - e.g. orchards or gardens. The valve is flow activated and can operate with as little as one metre of head. The hydraulic operation means no external power is required.



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