

Approved Greywater Systems

Greywater is the wastewater from bathroom showers/baths and handbasins, laundries and kitchens. It does not include toilet waste. The Code of Practice for the Reuse of Greywater in Western Australia provides information on the requirements for the reuse of greywater in household gardens. It provides guidelines for householders and persons wishing to design and market systems.

The following list provides information on approved products. There are two types of Greywater Reuse Systems:

1. Greywater Diversion Device (GDD)

Diverts greywater without storage or treatment, it incorporates a hand activated switch or tap to divert the greywater to the garden or the sewer. Greywater from a GDD must only be reused in gardens via sub-surface irrigation only. Greywater Diversion Devices must have a WaterMark Licence, which demonstrates compliance with the Australian Technical Specification ATS5200.

There are two types of greywater diversion devices (GDD):

Gravity GDD

A gravity diversion device incorporates a hand activated valve, switch or tap and is fitted to the outlet of the waste pipe of the plumbing fixture such as a laundry tub. GDD are not permitted to be fed with greywater from the kitchen. Greywater from GDD is diverted directly to a sub-surface irrigation system in the garden.

Pump GDD

A pump diversion device incorporates a surge tank to cope with sudden influxes of greywater for distribution of the greywater directly to a sub-surface irrigation system in the garden. The surge tank does not operate as a storage tank minor



List of approved Greywater Diversion Devices

Manufacturer	Model	Date approved (WaterMark License Number)	Details
Advance Waste Water Systems P O Box 561 FLOREAT WA 6014 Fax: (08) 9309 2304 Mobile: 0405 459 533 www.greyflow.net.au	GFLOW GFGFP	03/11/2009 WMKT 21323	<ul style="list-style-type: none"> ■ Up to 5 bedrooms or 10 persons ■ No kitchen greywater allowed ■ Pumped
	GREY FLOW GF00		
	GREY FLOW GF001		
	GREY FLOW GFPS		
	GREY FLOW GFUS		
GREY FLOW Pro range (90-1; 90-2; 120; 180 and 240)			
Aquarius Wastewater Management Unit 2 / 7 Collingwood Street Osborne Park WA 6017 Ph: (08) 9244 5322 Fax (08) 9244 5711 Email: admin@aquariuswastewater.com.au www.aquariuswastewater.com.au	Aquarius Domestic Greywater Unit (DGU)	7/8/2009 (WMKT 22210)	<ul style="list-style-type: none"> ■ Up to 5 bedrooms or 10 persons ■ No kitchen greywater allowed
	“Aquarius Gecko” Single Fixture Greywater Diversion Unit	21/01/2009	



Manufacturer	Model	Date approved (WaterMark License Number)	Details
Everhard Industries 405 Newman Road GEEBUNG QLD 4034 Ph. 07 3265 6444 www.everhard.com.au	G-Nova	11/5/2010 (C of C 40027)	<ul style="list-style-type: none"> ■ Up to 8 persons ■ No kitchen greywater allowed
Filtrex Innovative Wastewater Solutions PO Box 5122 BUNBURY WA 6231 Ph: (08) 9726 0118 Fax: (08) 9726 0117 Email: info@filtrex.com.au www.filtrex.com.au	Filtrex Greywater System	1/2/2008	<ul style="list-style-type: none"> ■ Up to 4 bedrooms ■ No kitchen greywater allowed
	Filtrex Greywater System (Phosphorus Attenuating)	1/2/2008	
	Filtrex Greywater Drip System	1/2/2008	
Greywater Reuse Systems PO Box 395 MUNDARING WA 6073 Ph: (08) 9295 6263 Mobile: 0439 971 213 www.greywaterreuse.com.au	GRS SupaFlow	18/11/2005 (WMKT21259)	<ul style="list-style-type: none"> ■ Up to 5 bedrooms or 10 persons ■ No kitchen greywater allowed
	GRS Filter (GRS-V & GRS-H)	20/09/2009 (WM70075)	



Manufacturer	Model	Date approved (WaterMark License Number)	Details
Just Water Solutions Pty Ltd 18 Rayleigh Avenue QUEENSCLIFF VIC 3225 Phone: (03) 5258 5193 Email: sales@jsutwatersolutions.com.au www.greywatergator.com	Grey Water Gator Pro Grey Water Gator Maxi 100	21/02/2008 (WMKT22111)	<ul style="list-style-type: none"> ■ Up to 5 bedrooms or 10 persons ■ No kitchen greywater allowed
Land & Water Technology Unit 1, 12 Business Way Malaga WA 6090 Ph: (08) 9209 3330 Email: enquiries@landwater.com.au	Land & Water Greywater Reuse System	15/10/2008	<ul style="list-style-type: none"> ■ Up to 4 bedrooms ■ No kitchen greywater allowed
Matala Water Technology Co., Ltd. WA Distributor: Earth & Water Pty Ltd. Unit 5, 460 Canning Hwy Como WA 6152 Phone: (08) 9313 1299 Fax: (08) 9313 1226 E-mail : Nthompson@earthandwater.com.au	Aqua2use GWDD Aqua2use UG GWDD	20/03/2009 WMKT30004	<ul style="list-style-type: none"> ■ Up to 4 bedrooms ■ No kitchen greywater allowed



Manufacturer	Model	Date approved (WaterMark License Number)	Details
Waterwise System Partners Pty Ltd 1a Torney Street NORTH BALWYN VIC 3104 Phone: +61 3 9419 3777 Email: info@waterwisesystems.com www.waterwisesystems.com	Greywater Gardener 230	10/06/2011 WMKT21219	<ul style="list-style-type: none"> ■ Up to 10 persons ■ No kitchen greywater allowed
Wattworks Pty Ltd 17 Cleveland Road Ashwood, VIC 3147 Phone: (03) 988 3117	Wattworks Smartpit	2/08/2010 (60026)	<ul style="list-style-type: none"> ■ Up to 10 persons ■ No kitchen greywater allowed



2. Greywater Treatment System (GTS)

Collects and treats greywater to a higher quality. Where the treated greywater is not disinfected, it may only be reused via subsurface irrigation. Where the treated greywater from a GTS is disinfected, and can achieve certain water quality targets, surface irrigation, toilet flushing, and cold-water laundry washing machine use may be possible.

It should be noted that conditions of approval may vary, depending on the design, with some systems not being permitted in unsewered areas, not accepting kitchen waste flows or being of a smaller scale.

Developers interested in large wastewater reuse schemes or 'in-house' reuse for commercial or subdivision developments should refer to the *Australian Guidelines for Water Recycling: Managing Health and Environmental Risks (Phase 1) 2006*.

List of approved Greywater Treatment Systems

Manufacturer	Model	Date approved (WaterMark License Number)	Details
Nubian Water Systems Unit 3, Gateway Business Park 63-79 Parramatta Road, Silverwater NSW 2128 Ph: (02) 9647 2633 Fax: (02) 9647 2977 Email: enquiries@nubian.com.au www.nubian.com.au	Nubian GT600	30/4/2010	Approved reuse methods: <ul style="list-style-type: none"> ■ Toilet flushing; ■ Cold water supply to clothes washing machines; ■ No kitchen greywater allowed ■ Above ground spray irrigation; ■ Surface drip irrigation covered by mulch; ■ Sub-surface drip irrigation installed at around 100 mm depth.



Manufacturer	Model	Date approved (WaterMark License Number)	Details
Wise Water Solutions Pty Ltd PO Box 166 Nannup WA 6275 Phone: +61 8 97561790 info@wisewatersolutions.com www.wisewatersolutions.com.au	Greywise	7/1/2014	Approved reuse methods: <ul style="list-style-type: none">■ Toilet flushing;■ Cold water supply to clothes washing machines;■ No kitchen greywater allowed■ Unrestricted irrigation in accordance with AS/NZS 1547:2000 (above ground spray irrigation, surface drip irrigation covered by mulch or sub-surface drip irrigation)



Greywater Disposal Systems

The following systems are designed to dispose of Greywater on site. These systems are only permitted in unsewered areas.

Manufacturer	Model	Date approved (WaterMark License Number)	Details
Greywater Reuse Systems PO Box 395 MUNDARING WA 6073 Ph: (08) 9295 6263 Mobile: 0439 971 213 www.greywaterreuse.com.au	GRS Installation Guide for Australian Standards Trench Bed Systems	30/5/03	<ul style="list-style-type: none"> ■ Systems to be assembled and installed in accordance with Australian Standards 1547:2000 and/or GRS – AS Trench Bed installation specifications.
Michael Ward PO Box 2 Glen Forrest WA 6071 Ph: (08) 9295 1039	Niimi Absorption Trench	3/5/96	<ul style="list-style-type: none"> ■ To be used with a 1800L sedimentation tank ■ Up to 4 bedrooms or 8 persons



Expired systems awaiting watermark certification

The approvals for the following systems have expired. These systems may be approved once the product obtains WaterMark certification.

Manufacturer	Model	Date approved (WaterMark License Number)	Details
Nylex Water Conservation 50-70 Stanley Drive Somerton VIC 3062 Ph: 1300 139 569 www.nylex.com.au/	Nylex Greywater Diverta	9/3/2005 (PST20057)	<ul style="list-style-type: none"> ■ Up to 5 bedrooms or 10 persons ■ No kitchen greywater allowed
Plastic Plumbing Products Pty Ltd 71F Matthews Ave AIRPORT WEST VIC 3042 Ph: (03) 9335 6666 Fax: (03) 9335 6611 Email: atindal@plasticplumbing.com.au www.plasticplumbing.com.au	Eco-Care Greywater Diverter System	28/9/2005 (PST20083)	<ul style="list-style-type: none"> ■ Up to 5 bedrooms or 10 persons ■ No kitchen greywater allowed



Assessed and not approved OR Approval withdrawn

Manufacturer	Brand Name/Model	Comments
Water Gurus IP Pty Ltd 23 Windsor Road Nambour QLD 4560 Phone: +61 7 5441 3569 Fax: +61 7 5441 3567 www.watergurus.com.au	Novagrey Domestic Greywater Treatment System (DGTS)	Company liquidated

More information

Water Unit
Environmental Health Directorate
Department of Health
PO Box 8172
PERTH BUSINESS CENTRE WA 6849
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Fax: (08) 9388 4910

