



Approved Alternative Effluent Disposal Systems

Aerobic Treatment Units

Aerobic Treatment Units (ATUs) are small ('package') wastewater treatment plants. Due to the treatment and disinfection process, the effluent from several systems may be used for garden irrigation. Some ATUs are also approved for Phosphorus removal. The listed systems have standard approval as domestic models (they may also be used in commercial situations). They are to be installed and operated in accordance with the *Health (Treatment of Sewage and Disposal of Effluent and Liquid Waste) Regulations 1974* and the *Code of Practice for the Design, Manufacture, Installation and Operation of Aerobic Treatment Units (ATUs) Serving Single Dwellings*.

As the conditions of approval can vary between designs, persons interested in installing a particular ATU should confirm it meets their needs and discuss site requirements with the local government.

ATUs have regular service requirements (usually quarterly) and maintenance must be through an **Authorised person** or their staff/subcontractors.

More detailed information on ATUs is contained in the *Aerobic Treatment Units* pamphlet and the *Code of Practice*.

AQUARIUS (Phosphorus Removal)

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TAYLEX CLEARWATER 90 & CLEARWATER 90 COMPACT

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BIOMAX PTY LTD (Phosphorus Removal Option)

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GALVIN-TAYLEX CLEARWATER 90 COMPACT

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NovaClear (Phosphorus Removal)

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BIOLYTIX FILTER (BF-6 Aerated)

Biolytix Technologies
(No Phosphorus Removal Option)
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- Note that ATUs that are approved for above ground irrigation can achieve Phosphorus removal by irrigation over a 30cm thick layer of an approved amended soil mix.

Amended Soil Effluent Disposal Systems

These Phosphorus (P) reducing systems have a conventional septic tank and leaching field ('leach drain') arrangement. The leaching field is contained within an approved amended soil which binds phosphates from the effluent.

ECOMAX (Phosphorus Removal)

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FILTREX WASTEWATER IRRIGATION SYSTEM

(Phosphorus Removal)

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[http://www.public.health.wa.gov.au/cproot/1331/2/Approved Alternative Effluent Disposal Systems 08c10.pdf](http://www.public.health.wa.gov.au/cproot/1331/2/Approved%20Alternative%20Effluent%20Disposal%20Systems%2008c10.pdf)
Printed on: 31 December 2008

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Produced by Environmental Health Directorate
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