



# On-site sewage solutions

## Wastewater treatment systems

Design, Construction, Operation and Maintenance

### Meeting higher standards

Increasingly, Councils and regulatory authorities require higher levels of treatment for both new and existing on-site sewage treatment systems. Ecoteam designs and constructs highly adaptable, on-site sewage treatment systems to suit a wide range of client needs. Ecoteam provides operation and maintenance services and condition assessments for existing systems to ensure they meet required standards.

### Wastewater treatment systems

- All treatment system types
- Gravity/pump operated systems
- Flush or compost toilets
- Septic and greywater tanks
- Constructed wetland systems
- Aerated Water Treatment Systems (AWTS)
- Subsurface irrigation and trenches

### Our team

The technical staff at Ecoteam designs best-practice sewage and greywater treatment and reuse systems. The team consists of science graduates with up-to-date knowledge of the complex regulations governing all aspects of environmental planning required for development.

### Design

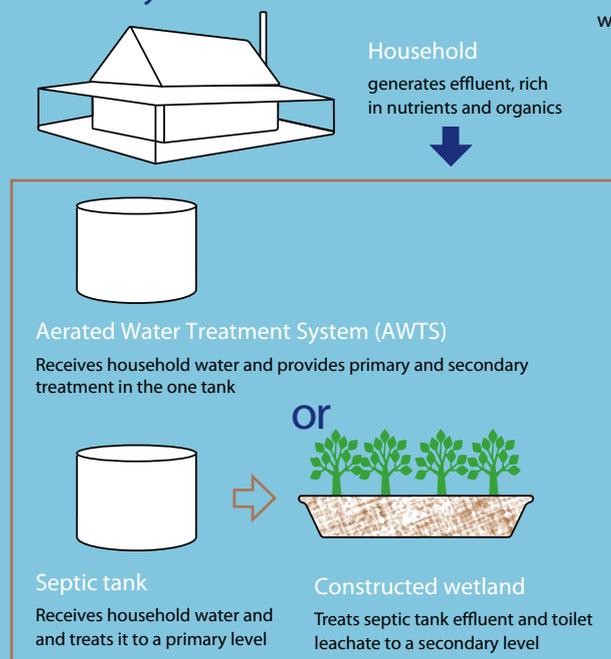
Our staff undertakes research and desktop studies before compiling the design report and going through all aspects of the design with clients.

### Construction

Construction of an Ecoteam on-site system involves experienced earth-moving operators and plumbers who will install the system to your requirements.

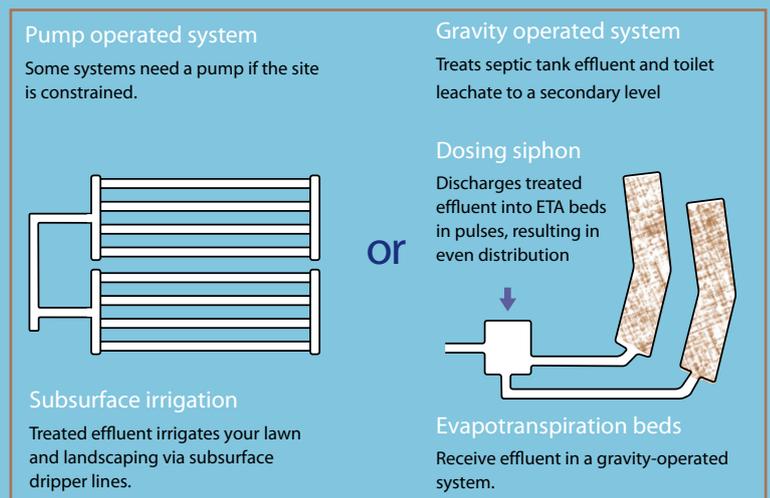
### Operation and maintenance

Ecoteam staff are highly experienced at operating and maintaining a wide range of on-site sewage systems.



A high-performance ecoteam constructed wetland provides clients with a wastewater treatment system that replicates the natural water cycle.

The characteristics of your specific site - slope and soil type, for example - will determine which is the best method of treatment and dispersal, as shown below.





# Constructed wetland On-site sewage and stormwater management systems

**Environmentally friendly treatment systems**  
for homeowners, builders, and tourist facilities

## Wetland treatment systems

Ecoteam specialises in the design, construction and operation of wetland water treatment systems for sewage and stormwater. Constructed wetlands are the key element of Ecoteam's on-site treatment systems: living filters that clean water through natural biological, physical and chemical processes.

Ecoteam constructed wetlands rely on "sticky root technology". Sewage pollutants such as bacteria, phosphorus and nitrogen are stripped from the effluent by the biofilm (colonies of microorganisms) that grow on the aerated root network of the wetland plants.

Ecoteam 'flow with nature' sewage or stormwater management systems provide ecological values and aesthetic appeal to your landscape. Constructed wetland systems are environmentally sustainable and energy efficient. Councils and regulatory authorities around Australia approve and endorse constructed wetland systems.

## Learning from nature

In nature, wetlands are the 'kidneys' of the Earth; removing pollutants from the water cycle and transpiring much of the water into the atmosphere.

Constructed wetlands provide important habitat for native animals while excluding pests such as cane toads and mosquitos.

*For further information, or to arrange a meeting and site inspection please contact:*



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