


Trust Taylex for Wastewater Treatment at home



Taylex

TAYLEX.COM.AU



**We manufacture a range
of wastewater treatment
systems for Australian
homes to produce safe,
clean water for re-use
in your garden.**



Trust Taylex

Welcome to Taylex, an Australian family-owned company founded in 1969. We have 70 plus employees and over 80 trained distributors who market, install and service our range nationally in Australia and New Zealand. Post installation, we have a network of over 300 trained Service Technicians to provide the ongoing care and maintenance for your system.

We manufacture a range of products for Wastewater, Rainwater and Stormwater, we also offer Servicing for our wastewater systems. Taylex was the first company to manufacture Home Sewage Treatment Systems in Australia and we continue to be leaders our field.

Expertise

Over 50 years of experience, building our reputation as the most trusted brand. Taylex leads the industry, whether it be leading industry bodies or working with governing bodies to help guide new legislation for more stringent wastewater regulations, Taylex is the trusted voice.

Integrity

We honour warranties. We stand behind our products, for their lifetime, no questions, no fine print. We are an Australian owned and made family business. We are passionate about producing quality products that work. We take care of our staff. We value the environment and human health.

Flexibility

Regardless of the conditions of your block and your operational requirements, Taylex has a system that will work for you. In difficult terrain or soil, for the size of your house or the slope of your block, Taylex systems are adaptable, we are eager to work with you and become part of the solution

Innovation

Taylex is at the cutting edge of environmentally sound wastewater treatment that is healthy for your family and the environment. We are constantly testing and improving our systems to not only provide unparalleled quality and unmatched results, but to ensure the most stringent safety standards are met. We are constantly striving to improve and perfect.

Functionality

Our Systems work! Taylex use Monolithic, single piece moulds meaning no deteriorating seals or weak post-joined walls, which could expose your family to catastrophic failure of your system. There's no skimping on parts from the biggest pump down to the smallest seal. Our systems are designed and engineered to last as long as your home.

Why choose Taylex?



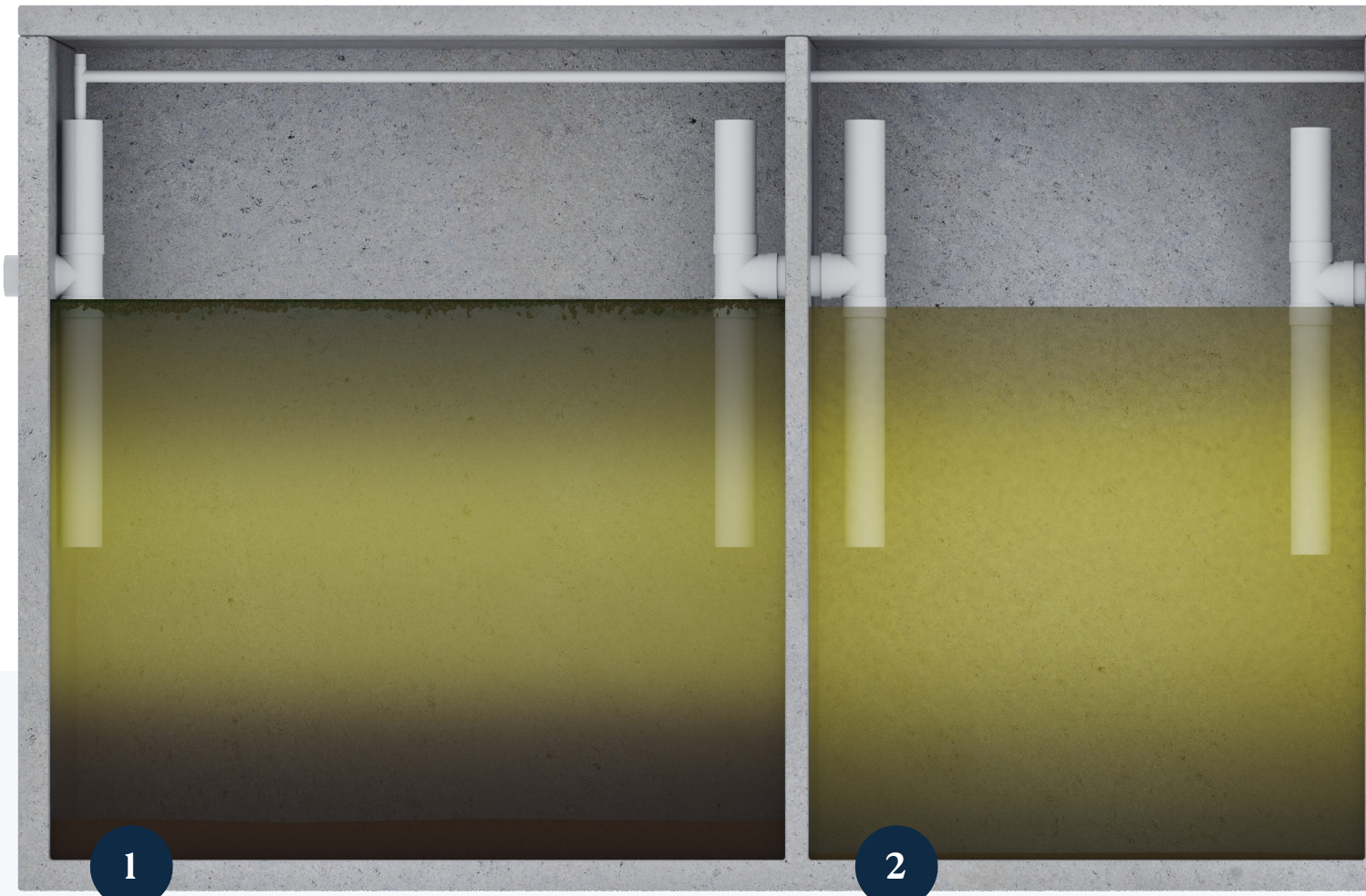
If you are living in an area that does not join to a council sewer, you need to treat your home's wastewater on site, using a **Home Sewage Treatment System**.

Taylex Advanced Secondary Treatment Systems act like a mini municipal treatment plant, utilising the good bacteria that naturally occurs in your home's wastewater, to consume the harmful bacteria.

By installing a Taylex system you will be able to reclaim your household wastewater and obtain clean, clear odourless water to irrigate your yard. The treated water that will come from your Taylex System is 65 times cleaner than septic tank effluent and at least 5 times cleaner than effluent from most other treatment systems.



How the Taylex Treatment System Works



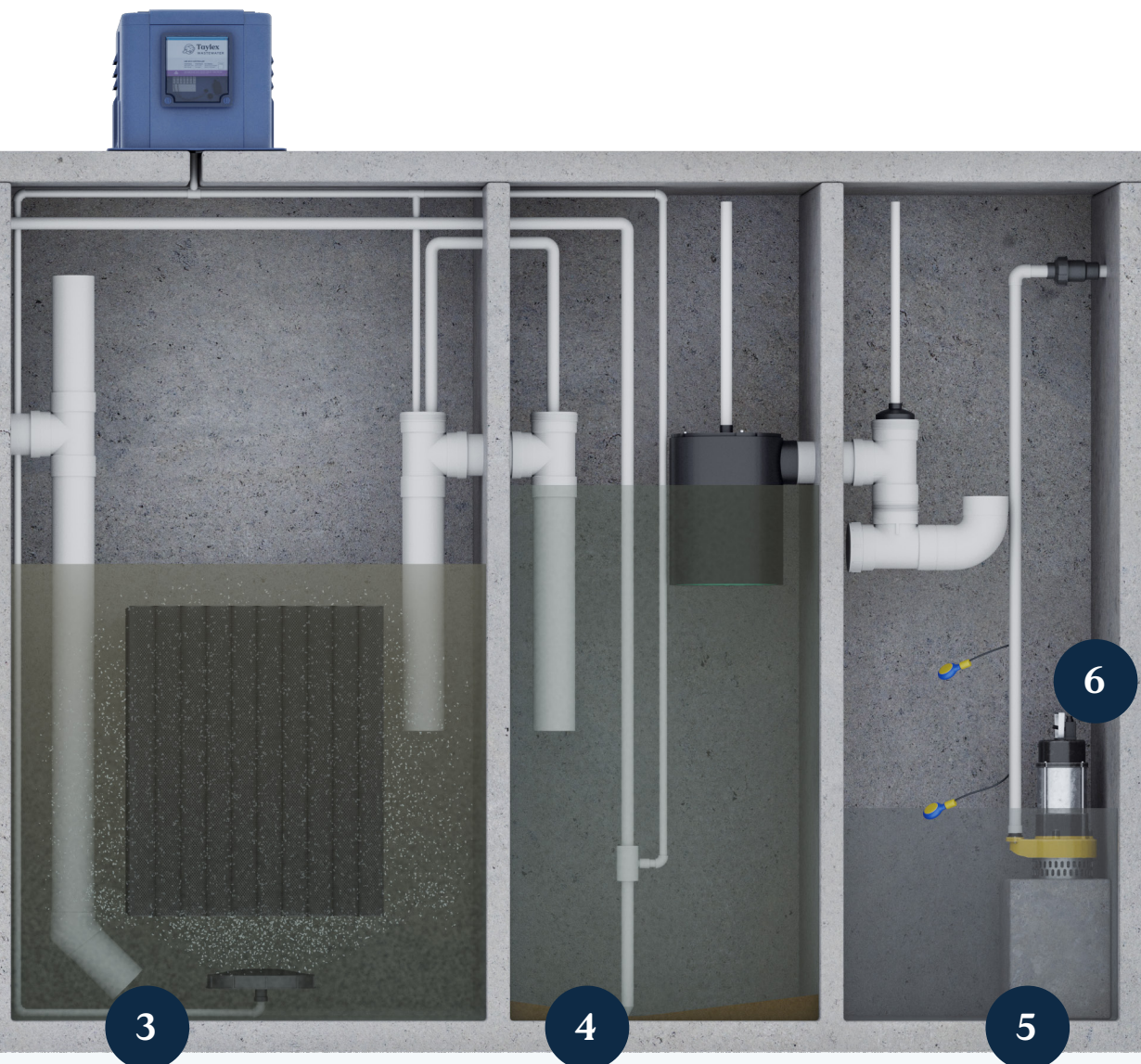
Primary Chamber

The first stop for your household wastewater is in the 'Primary Chamber'. Here solids will naturally sink to the bottom and fats and oils will naturally float to the top, leaving a clear "Supernatant Zone" in the middle. This zone will transfer to the next stage of treatment. Good bacteria that already exists in the wastewater starts to flourish.



Secondary Chamber

Further settling happens here. Millions of bacteria are now well established and munching away at organic matter in your wastewater. Again, water from the middle flows on to the next stage. If you had have chosen a Septic System, this is where the journey would end and effluent would now be pumped onto your property and into our environment, relying on sand or soil to do the rest. With a Taylex Wastewater Treatment System, there are still four more steps to produce clean, clear, safe water for your yard.



Irrigation Pump

When the irrigation Chamber fills up, your dependable irrigation pump automatically switches on to send your water out to do its job in your yard. Crystal clear water irrigates your designated area and returns safely to nature.



Aeration Chamber

This is where the magic happens, your quiet, reliable, energy efficient Nitto Blowers send oxygen into the chamber in the form of tiny bubbles. These bubbles pass through a specially designed filter system called "Bio-Mass". Bio Mass is purpose designed to trap the air bubbles to feed naturally occurring 'Aerobic bacteria'. These microscopic Eco-Warriors are now hard at work, chomping through most of the remaining organic matter, polishing the water and eliminating odour.



Clarification Chamber

More settling occurs here. Once settled to the bottom, this magical mix of Aerobic bacteria and fine particle solids are sent back to the Primary Chamber to keep it healthy and working hard (not smelly). What is left is sent through a TFG filter and onto the final stage of treatment.



Irrigation Chamber

The water gets a 'kiss' goodbye from our Chlorinator which removes any harmful bacteria, viruses and pathogens, producing clean, clear and safe water. When the chamber fills up, your dependable irrigation pump automatically switches on to send crystal-clear, environmentally safe water out to your designated irrigation area.

Concrete or Poly?

Both the Taylex concrete and polymer wastewater treatment systems are six stage Advanced Secondary Wastewater treatment systems that exceed the national standards and are certified in all Australian states and territories. So why have both options available if they essentially do the same thing?

Our concrete Secondary Wastewater Treatment Systems are suited to 90% of all domestic installations. Taylex Polymer Tanks are designed to accommodate site conditions where it is not possible to crane in a concrete treatment system e.g. steep terrain. Our unique polymer mould cleverly uses 'Sandwich closed-cell foam polymer' to mould the compartment walls in one piece. There are no joins or glued-in compartments and all partitions extend to the lid of the tank, so you can enjoy the same peace of mind as if you had a Taylex concrete system.

