



Wastewater & Rainwater Specialists

# Taylex Tanks

Manufacturing Tanks Since 1969

## Home Sewage Treatment Solutions

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Clear, odourless,  
recycled water  
for irrigation



[www.taylex.com.au](http://www.taylex.com.au)

# About Taylex



Taylex was founded in 1969 and was the first company to manufacture domestic Aerobic Wastewater Treatment Systems (AWTS) in Australia. Taylex continues to lead the field in both precast concrete and rotational moulding manufacturing, design & installation of Rainwater Tanks and Home Sewage Treatment Plants (HSTP).

Taylex has a National Distribution Network which is supported by factory trained licensed distributors. Our Distributors can supply, install, service and maintain our range of both concrete and plastic products from Tasmania to Darwin, Perth to Brisbane. We manufacture all our own concrete and plastic products.

Taylex is an ISO 9001 Quality Assured Company. Our range of products carries all relevant State Government Approvals throughout Australia.

## Project Management for Your Installation & Commissioning

Your Taylex consultant will project manage your installation with your builder and plumber. They will advise on, and discuss matters with you that may affect the final outcome for you (eg sub-surface irrigation and positioning of tanks; possible excavation problems like rock and high water tables etc.). **This ensures a trouble-free install with maximum aesthetic value and minimal environmental impact.** After the install, your builder will go about his job until your house is finished. \*Please make sure your builder arranges a commissioning date for your system at least 2 weeks prior to your move-in date.

## Servicing

Home Sewage Treatment Plants are required by law to be serviced on a regular basis (normally quarterly unless otherwise stated). Your Local Council will enforce these laws. Systems may only be serviced by registered licensed wastewater service personnel.

As part of your installation, your new system will be serviced by our team of friendly servicemen for the first 12 months. After the first year you can renew your service contract with us on a yearly basis.

**Please note:** All aerated treatment systems need to be de-sludged depending on usage. On average most Taylex systems need to be pumped out between 5 to 10 years or as your local authority requires. Any claims by other companies that their tanks never have to be de-sludged are incorrect. The resultant sludge that households produce does not just miraculously vanish into thin air.

## Septic Change-Overs

If you have purchased a pre-owned home or you are renovating you may wish to change an existing septic system to a Home Sewage Treatment Plant. Once your Site & Soil Report has been completed, and you are aware which system is to replace your old septic, your Taylex consultant will help you organise all the relevant trades to work with us to replace your old tank with a minimum impact on your daily routine.

## 15 Year Warranty

Every Taylex concrete system is covered by a full manufacturer's warranty. There is a 15 year warranty on the pre-cast concrete tank and a 2 year\* warranty on all electrical and mechanical components including the irrigation pump (\*12 month standard warranty and a further 12 months extended warranty when you purchase your 2nd year service contract with a Taylex Approved Service Provider). Warranties apply from the date of commissioning.

## Research & Development

Taylex are constantly developing new ways to help you and the environment - A new Plastic Tank System is due for release in 2010. Taylex is also developing a solar cell to operate the Home Sewage Treatment Plant range.



We install  
over 2,000 systems  
per year





# The Treatment Process - *A living thing*



## All Wastewater/Sewage Treatment Systems work on a biological process

A Treatment Plant is a living organism. There are trillions of living bacteria that make the system work properly - the same process as a large city sewage treatment plant! Your Local City Council has laws in place that prevent the dumping of certain chemicals and pollutants into their drains. Large amounts of chemicals will "kill" off their living biological process creating havoc in their treatment plants. A city plant is a large scale operation and they will have the excess treatment capacity to overcome most daily problems.

Your Home Sewage Treatment Plant is a miniature version of the City Plant. Because it is smaller and only designed to treat the amount of waste you produce from your home it will be more noticeable to you if you accidentally "kill" off your system's living bacteria that make the biological treatment process work.

When using your Taylex system we ask that you respect the system and be mindful of the need to provide a safe and happy home for your colony of bacteria to live and work in. If a problem does occur, our servicemen are trained to ascertain the cause and find the remedy.



## Getting Started

*What do you need to do next*



- 1 Ask your Taylex Consultant to organise a Wastewater Disposal Report so that you are aware of which type of system your Local Council will allow to be placed on your property and whether above ground or, sub-surface irrigation will be allowed.
- 2 You then need to decide whether to stay with the minimum requirement or upgrade the system to give you a better grade of recycled water. The graph on page 5 can help you understand the benefits of each system and our friendly staff will always be happy to help you with this decision.
- 3 We can then quote on the system and make a Site Inspection to ensure your installation will run smoothly. Please be aware that in some cases it is best to install your tank prior to building your home to make sure that access is available. We will liaise with your builder to work out the best possible way to install your tank.

### Please note:

Make sure you inform your Taylex Consultant, builder or plumber of any future sheds, pools or driveways. The positioning of these may impact on the placement of your irrigation area and impede commissioning of your System prior to you moving in to your new home.

# What is the TAYLEX Difference?



## Taylex Tanks are purpose built

Through the years we have spent a great deal of time designing and testing treatment systems that work. After a system has been proven to work, we then make a mould for a purpose built tank to manufacture the system. We do not compromise the working environment of a system by adapting an existing mould to manufacture a new system. We believe we make the best concrete vessel for a treatment system in Australia.

## Taylex Tanks Are Made As A One Piece Moulded Unit

Eliminating any leakage caused by movement of internal walls - a common problem with other tanks that have mortar or silicone joints internally. This would allow contamination between compartments, hindering the treatment process and allowing untreated water to be irrigated into your garden.

## Monitoring and Alarms

Taylex Systems all have two alarms systems by law (1 x Audible & 1 x Visual). This will alert you to a problem and prompt you to call in a Service Technician or consult your Home Owner's Manual (provided in the control box on your tank, our website or available by calling our service department). Once you are aware of the problem you can mute the alarm while you wait for the serviceman. It cannot be forgotten as it will reactivate every 24 hours until a remedy has been found.

Taylex have chosen not to have the monitoring system placed inside your house. By placing the alarm at the tank's control panel, it will be noticeable, but not an intrusion in your daily life. This also allows our servicemen to attend your system without the need for you to be at home.

## Taylex Tanks Never Require A Rebuild

Taylex Tanks will last as long as your house with only normal maintenance. No Taylex Home Sewage Treatment System has ever needed to be rebuilt or replaced!

## Taylex Tanks Now Have 2 Inlet Levels

Waste is gravity fed from your house to your treatment tank. The choice of two inlet levels may eliminate the need to install risers to accommodate the depth a tank needs to be buried for adequate fall. A cost saving for the home owner.

## Taylex Tanks Are Large - Up to 9300Lt Total Capacity (ABS & DMS)

The time the effluent is able to process in your tank is the secret to producing quality effluent. Our tanks can accommodate more water so your effluent is being consistently treated longer - even on high usage days. This accommodates for growth of your family and when visitors arrive.

## Power Usage

Power is becoming a real concern for everyone and we are aware that our customers require more power saving opportunities. The Advanced Blower System and Domestic Membrane System turn the air blower on and off as required - unlike other units that run 24 hours a day. In the ABS alone, tests have proven that it's air blower costs 18.66c per day to run, plus the running of the irrigation pump - which will depend on your water usage in the house. Most households will pump out 3-5 times a day.

## Taylex Most Popular System (ABS)

The Advanced Blower System is suited to approximately 90% of all domestic installations throughout Australia. Taylex have discontinued sales of our previously most popular system "The Compact" (a secondary system). We now supply the "ABS", (an advanced secondary system), with the view that power saving, low noise and high grade recycled water will better serve our growing family of Taylex Wastewater Treatment users. This system has a choice of disinfection - UV light or chlorine (UV Light has no chemical residue).

## Taylex Have The Ultimate Environmental Solution (DMS)


Our Domestic Membrane System (DMS) is used in Environmentally Sensitive Areas. This system allows reduced set-back distances for small blocks or blocks with natural watercourses &/or neighbours in close proximity. This system has a 2 forms of disinfection (membrane filtration and UV light) neither of which have any chemical residue. The Domestic Membrane System produces the cleanest water from a domestic treatment system in Australia today. Please check the independantly certified results in this brochure.



# Home Sewage Treatment Plants (HSTP's)

## 4 Water Effluent Categories in Australia

Primary Effluent is the lowest quality and Advanced Secondary with Nutrient Removal is the highest quality

Effluent Grade	Primary Effluent / Septic	Secondary	Advanced Secondary	Advanced Secondary + Nutrient Removal <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">5 Star</span>
Environmental Grade <small>Min. Australian Standard Requirements</small>	★ ★★	★★★★	★★★★★	★★★★★
	<b>Taylex Systems</b>			
1 - 6 Bedrooms	3900Lt 7100Lt MAXI	<del>COMPACT</del> <small>Discontinued - FREE Upgrade</small>	NO Sandfilter Required ABS Advanced Blower System	NO Chemical Residue Environmentally Sensitive Sites DMS Domestic Membrane System
6 - 10 Bedrooms	7100Lt 10000Lt MAXI	DELUXE	2 x ABS	2 x DMS
Commercial	Taylex Standard and Custom Designed Commercial Systems - Please speak to your Sales Consultant			
	Specifications		Fact Sheets Available on subsequent pages of this brochure	
Tank Construction <small>Concrete Plastic</small>	✓ =	✓ =	✓ Available 2010	✓ Available 2010
Irrigation Area <small>Above Ground Below Ground Subject to Council Approval</small>	✓	✓	✓	✓
Tank Configuration <small>Number of Tanks</small>	3 Tanks	1 Tank	2 Tank	1 Tank
Total Tank Capacities		7,100Lt	4,000Lt 5,300Lt	9,320Lt
Disinfection	Nil	Nil	Chlorine*	Chlorine* or UV Light - No Chemical
Installation	✓	✓	✓	✓
Service Costs <small>*These prices may vary from area to area</small>	Nil	Nil	Approx. \$250 p/a (4 Services)	Approx. \$650 p/a <small>2 per Year Old, VIC 3 per Year NSW Includes a Membrane Exchange</small>
Daily Running Costs	2-10c	2-10c	50 - 70 cents	20 - 40 cents
	* While Chlorine is used as a disinfectant, the output levels are no greater than a standard swimming pool.			
	<b>Australian Standards</b>			
Effluent Grade	Primary Effluent / Septic	Secondary	Advanced Secondary	Advanced Secondary + Nutrient Removal
	Australian Standard	Australian Standard	Australian Standard	TAYLEX ABS
BOD5 <small>Biological Oxygen Demand Over 5 Days</small>	120 - 240mg/L	<20mg/L	<10mg/L	<1.85mg/L
TSS <small>Total Suspended Solids</small>	65 - 180mg/L	<30mg/L	<10mg/L	<5.19mg/L
Thermotolerant Coliforms	n/a	<200/100mL	<10/100mL	<0.783/100mL
Nitrogen	n/a	n/a	n/a	n/a
Phosphorus g/m3	n/a	n/a	n/a	n/a
Turbidity* <small>Clarity</small>	>13NTU	n/a	n/a	n/a
	Australian Standard	Australian Standard	Australian Standard	TAYLEX DMS
	<10 mg/L	<10 mg/L	<10 mg/L	<4.8mg/L
	<10 mg/L	<10 mg/L	<10 mg/L	<1.27mg/L
	<10/100mL	<10/100mL	<10/100mL	<0.03/100mL
	<10mg/L	<10mg/L	<10mg/L	<6.19mg/L
	<5mg/L	<5mg/L	<5mg/L	<0.29mg/L
	n/a	n/a	n/a	n/a
	n/a	n/a	n/a	5.22NTU
	n/a	n/a	n/a	0.43NTU

← Official Independent 6 Month Test Results →

\*The WHO (World Health Organization), establishes that the turbidity of drinking water shouldn't be more than 5 NTU, and should ideally be below 1 NTU.

# Our Most Popular System

## Taylex™ ABS Advanced Blower System

An Advanced Secondary Home Sewage Treatment Plant

**The Taylex ABS is suited to approximately 90% of all domestic installations throughout Australia.**

Purchasing this system gives you an automatic upgrade to **Advanced Secondary** treated effluent. This higher grade effluent system not only produces better quality water, but also offers power saving, silent operation and now chemical free disinfection (if required) at a similar price to most other secondary (lower effluent grade) systems on the market.

### The 4 Star Process ★★★★★

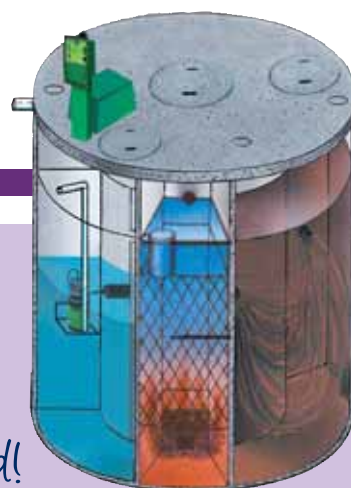
**Step 1:** All waste from the home enters the primary pre-treatment chamber of the Taylex System with liquid then flowing into the secondary chamber. The time that waste spends in both these anaerobic chambers allows bacterial action to condition it before it flows into the aeration chamber.

**Step 2:** The new generation ABS uses an air blower to introduce oxygen into the aeration chamber. The aerobic bacteria multiply rapidly in this oxygen enriched environment and are thoroughly mixed with the pre-treated liquid to ensure complete digestion of organic material. The blower is set to turn on and off as needed to accommodate the flow of each individual treatment system.

**Step 3:** The liquid then flows into the clarification chamber for settlement where the remaining organics are further digested by bacteria living on specially designed bio-media sheets.

**Step 4:** Pre-treated, aerated and settled, the liquid then passes through a Taylex outlet filter prior to chlorination. The filtered liquid passes through a chlorinator or U.V. light which ensures the disinfection of the reclaimed effluent. Then your reclaimed effluent is returned to the environment via spray or underground irrigation by a silent pump.

Even Our  
Standard  
System  
is Advanced!



Clear, odourless,  
recycled water for irrigation

Tank Construction – All Concrete	
Height	2300mm
Inlet Invert (from Base)	1830mm or 1530mm
Tank Diameter	2450mm
Maximum Dry Weight	6.25 tonnes
Maximum Hydraulic Loading	2,000Lt/day - 10 Person
Operating Capacity	5,880Lt
Total Tank Capacity	9,320Lt

#### Australian Standards & Test Results

Effluent  
Grade

Advanced Secondary

	Australian Standard	TAYLEX ABS
<b>BOD5</b> Biological Oxygen Demand Over 5 Days	< 10 mg/L	< 1.85mg/L
<b>TSS</b> Total Suspended Solids	< 10 mg/L	< 5.19mg/L
<b>Thermotolerant Coliforms</b>	< 10/100mL	< 0.783/100mL
<b>Turbidity</b> Clarity	n/a	5.22NTU

### 15 Year Warranty

Every Taylex Advanced Blower System is covered by a full manufacturers warranty. There is a 15 year warranty on the pre-cast concrete tank and a 2 year\* warranty on all electrical and mechanical components including the irrigation pump. (\*12 months standard warranty and a further 12 months extended warranty when you purchase your second year service contract with a Taylex approved service provider). Warranty applies from the date of commissioning.



Wastewater & Rainwater Specialists

**Taylex™**  
Tanks

Manufacturing Tanks Since 1969

[www.taylex.com.au](http://www.taylex.com.au)

1300 660 225 AUSTRALIA WIDE

## Key Points

Low Power Usage - No Sand Filter Required  
 Choice of Disinfection - Choice of 2 Invert Levels  
 Higher Grade Effluent at No Extra Charge



**Taylex**<sup>TM</sup>  
Tanks

[www.taylex.com.au](http://www.taylex.com.au)

## Features

## Benefits

Large Tank	→	Longer retention time = Better treatment
One Pour Mould	→	No leaking internal walls = No cross contamination
Multiple Baffles/Chambers	→	Longer retention time - reduction of fats, oils & grease (FOG)
Multiple Inverts	→	Saves \$\$\$\$ and Reduces need for riser rings
TFS Filter	→	Retains fats, oils & greases (FOGs), S/S carryover including sanitary items, foreign objects, suspended solids
10/10/10 Water Quality	→	Higher performance than traditional plants
Lower Total Suspended Solids	→	Better for effective re-use applications Town water turbidity = 4NTU
Above Standard Turbidity 5.22NTU (clarity)	→	Clearer water for irrigation purposes
Timer Controlled Aeration	→	Can be easily adjusted for varying loads/family sizes
Low Power Usage	→	Due to Timer Controlled Aeration
No Sand Filter (pool filter)	→	Reduces cost of install and enhances aesthetics of tank
High Quality EPDM (rubber) Difusers for Air	→	Controlled air bubble size to aid aeration
Nitto Piston Blower (Air Pump)	→	Quiet, long lasting , no diaphragms that need to be replaced every 18 months - top blower in the field.
High Walls on All Compartments in Tank	→	Minimises cross-contamination issues
Advanced Secondary Effluent	→	Reduces Set-Back Distances
Silent Operation	→	Blower Noise is inaudible
Blower is Outside Tank	→	Negates damage from internal flooding
All Electrical Components are "Plug in"	→	Reduces Costs when renewing components
Sludge Return	→	More effective control of sludge
Choice of Disinfection Methods	→	Traditional Chlorine Disinfection. or now available UV Light (NO Chemical Residue)

Taylex Manufacture The Most Reliable Vessel for a Home Sewage Treatment Plant in Australia

# The Ultimate Environmental Solution

## Taylex™ DMS Domestic Membrane System

An Advanced Secondary Home Sewage Treatment Plant  
with Nutrient Removal

### The Taylex DMS produces the cleanest water from a domestic treatment system in Australia today

Our Domestic Membrane System (DMS) can be used in environmentally sensitive areas. This system allows reduced set-back distances for small blocks, or blocks with natural watercourses &/or neighbours in close proximity. This system has 2 forms of disinfection (Membrane Filtration and UV Light) neither of which leave any chemical residue.

★★★★★  
Clearly the Winner!

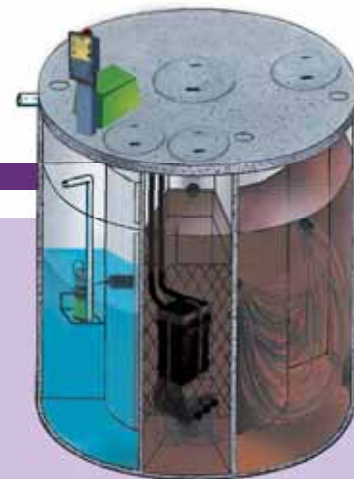
### The 5 Star Process

**Step 1:** All waste from the home enters the primary pre-treatment chamber of the Taylex System with liquid then flowing into the secondary chamber. The time that waste spends in both these anaerobic chambers allows bacterial action to condition it before it flows into the aeration chamber.

**Step 2:** In the aeration chamber an air blower introduces oxygen into the liquid creating an aerobic process where bacteria grow and digest solid waste. At intervals governed by the water flow the liquid will be pumped through the ultra-filtration membranes to the irrigation chamber.

**Step 3:** Biological nutrient removal is achieved by recirculating liquid between the aerobic membrane chamber and a de-nitrification chamber. Phosphorus removal is achieved by withholding all sludge.

**Step 4:** The liquid that has entered the irrigation chamber is constantly recycled through a continuous disinfection process using ultra-violet light and then recycled back to the environment via spray or underground irrigation. The ultra-filtration membrane is the primary disinfection process.



Low nutrient,  
absolutely clear,  
odourless,  
recycled water  
for irrigation

Tank Construction – All Concrete	
Height	2300mm
Inlet Invert (from Base)	1830mm or 1530mm
Tank Diameter	2450mm
Maximum Dry Weight	6.25 tonnes
Maximum Hydraulic Loading	2,000Lt/day - 10 Person
Operating Capacity	5,870Lt
Total Tank Capacity	8,100Lt

#### Australian Standards & Test Results

Effluent  
Grade

Advanced Secondary  
+ Nutrient Removal

	Australian Standard	TAYLEX DMS
<b>BOD5</b> Biological Oxygen Demand Over 5 Days	< 10 mg/L	< 4.8mg/L
<b>TSS</b> Total Suspended Solids	< 10 mg/L	< 1.27mg/L
<b>Thermotolerant Coliforms</b>	< 10/100mL	< 0.03/100mL
<b>Nitrogen</b>	< 10mg/L	< 6.19mg/L
<b>Phosphorus g/m3</b>	< 5mg/L	< 0.29mg/L
<b>Turbidity</b> Clarity	n/a	0.43NTU

### 15 Year Warranty

Every Taylex Domestic Membrane System is covered by a full manufacturers warranty. There is a 15 year warranty on the pre-cast concrete tank and a 2 year\* warranty on all electrical and mechanical components including the irrigation pump. (\*12 months standard warranty and a further 12 months extended warranty when you purchase your second year service contract with a Taylex approved service provider). Warranty applies from the date of commissioning.



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## Key Points

Ultra Filtration Membranes together with UV  
Protects your family and Protects the environment




**Taylex**<sup>TM</sup>  
Tanks

www.taylex.com.au

## Features

## Benefits

Large Tank	→	Longer retention time = Better treatment
One Pour Mould	→	No leaking internal walls= No cross contamination
Multiple Baffles/Chambers	→	Longer retention time - reduction of fats, oils & grease (FOG)
Multiple Inverts	→	Saves \$\$\$\$ and Reduces need for riser rings
Ultrafiltration Membranes 35 nano metres (35millionths of a millimetre) - Physical Barrier	→	<b>Protects the family</b> - Smaller pore size than bacteria and some viruses
Very Low Total Suspended Solids	→	Better for effective UV disinfection and re use applications
Very Low Total Phosphorus	→	<b>Protects environment</b> and reduces Land Application Area by approx 75%
Very Low Total Nitrogen	→	<b>Protects environment</b> and reduces Land Application Area by approx 30%
Very Low Turbidity 0.43NTU (clarity)	→	Better for effective UV disinfection and re-use applications Town water turbidity = 4NTU
UV Light	→	<b>Protects the family</b> - Kills Viruses *chlorine at the rates allowed DOES NOT kill viruses
Water Quality NOT dependent on Biology	→	<b>Protects the family</b> - Physical Barrier - chlorine loses effectiveness when pH and SS are incorrect
Flow Related	→	Working level float operates Blower and Filtrate pump - corrects biology and reduces running costs
System is Adjustable	→	Can be easily adjusted for varying loads/family sizes
Membrane has a proven life of over 10 years	→	Martin Systems in Germany - Si Claro Membrane Filter Module is nearly 11 years old and still in the field
Membranes Thermal Welded	→	Not Solvent (GLUED) which break down in the biology - biodegradable - Very Strong and Robust
Two Manifolds in Membrane Pack	→	Even suction over whole of membrane sheet - longer life - better performance
Constant Plate Separation in Membrane	→	Most effective for air scouring
Stainless Steel Frame housing Membrane	→	Long lasting - Durable
Custom Made EPDM (rubber) Difussers for Air	→	Controlled air bubble size to have most effective air scouring
Nitto Piston Blower (Air Pump)	→	Quiet, long lasting , no diaphragms that need to be replaces every 18 months
Sealed Irrigation Chamber in Tank 	→	Guaranteed water quality

## Extra facts about our Domestic Membrane System:

- The ultra-filtration membrane is a physical barrier separating solid particles from liquid. The defined pore diameter of the membrane is only thirty-five millionths of a millimetre (0.000035mm). The ultra-filtrating membrane is an absolute barrier for suspended solids, bacteria & large virus. The smallest molecules, metallic ions and dissolvable salts essential for life can pass the ultra-filtration membranes unhindered.
- We use flat sheet membranes derived from organic polymers that are very effective, these are combined with the unique filter module construction which prevents clogging due to hairs, fibres or other coarse substances.
- Nutrient Removal is important to the environment as excess nutrients will alter soil characteristics unfavourably and cause algal blooms in water. The Taylex DMS reduces nitrogen & phosphorus level to well below the Australian Standards ensuring the safety of your family and minimises pollution of our waterways and environment.

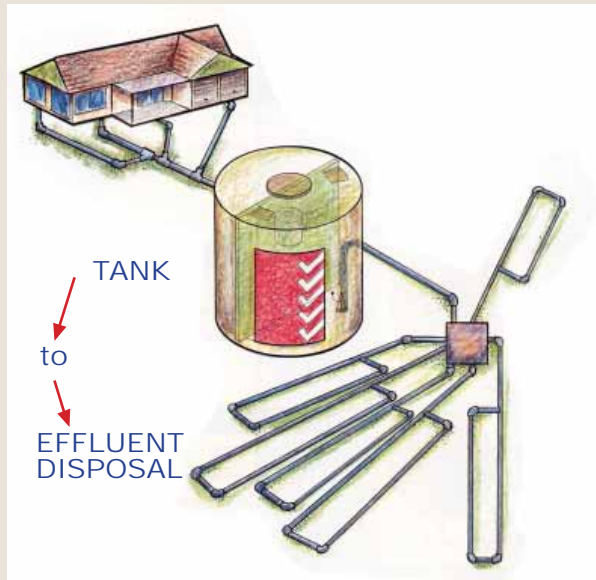
**Taylex Maxi "All Purpose Septic Tank" (Primary)**

**Step 1:** All waste from the home enters the primary settling chambers of the Taylex System with liquid then flowing into the secondary settling chambers. The time that waste spends in these five anaerobic\* chambers allow bacterial action to condition the water before it flows into the absorption trenches.

**Tank Construction – All Concrete**

Height	2300mm
Inlet Invert (from Base)	1830mm
Tank Diameter	2440mm
Maximum Dry Weight	6.1 tonnes

There are several different configurations available – please speak to your Taylex Consultant.



**Taylex Systems Maxi, ABS & DMS**

- One Tank
- One Connection
- One Hole

**Taylex Deluxe (Secondary)**

*For Large Homes*

Not available all states

**Step 1:** All waste from the home enters the primary pre-treatment chamber of the Taylex System with liquid then flowing into the secondary chamber. The time that waste spends in both these anaerobic\* chambers allows bacterial action to condition it before it flows into the aeration chamber.

**Step 2:** The aeration chamber is designed to retain & mix the liquid while aerobic\*\* bacteria digest the organic material. The aerator introduces oxygen by drawing fresh air through the vent and injecting it into the chamber while circulating the entire contents. The aerobic\*\* bacteria multiply rapidly in this oxygen enriched environment and are thoroughly mixed with the pre-treated liquid to ensure complete oxidation of all organic material.

**Step 3:** The liquid then flows into the clarification chamber for settlement where the remaining organics are further digested by bacteria living on specially designed bio-mass sheets.

**Step 4:** Pre-treated, aerated and settled, the liquid then passes through a Taylex filter prior to chlorination. The filtered liquid passes through a chlorinator which ensures the disinfection of the reclaimed effluent.

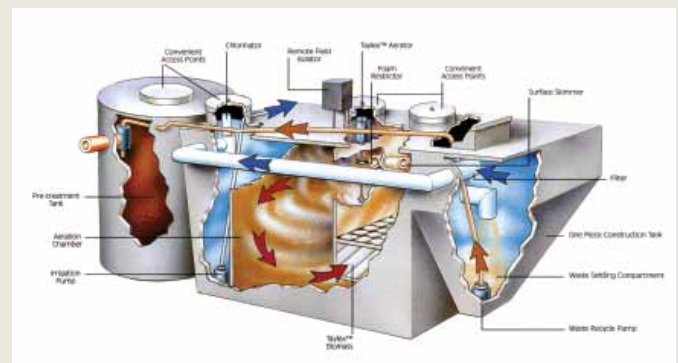
Then your reclaimed effluent is returned to the environment via spray or underground irrigation by a silent pump.

**1st Tank Construction – All Concrete (round)**

Height	2140mm
Inlet Invert (from Base)	1700mm
Tank Diameter	1930mm
Maximum Dry Weight	4 tonnes

**2nd Tank Construction – All Concrete (oblong)**

Height	1800mm
Inlet Invert (from Base)	1400mm
Length x Width	3200mm x 1700mm
Maximum Dry Weight	5.2 tonnes



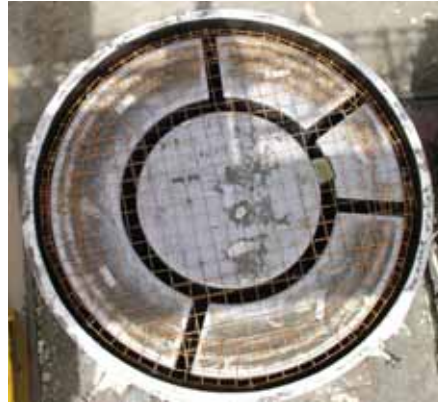
\* Anaerobic - Meaning: without air (Oxygen). The bacteria in an anaerobic environment do not require oxygen to survive and flourish.

\*\* Aerobic - Meaning: with air (Oxygen). The bacteria in an aerobic environment do require air to survive. The system introduces extra oxygen into an aerobic chamber to allow these "good" bacteria to multiply and flourish.

# The #1 Taylex Difference

## Our Purpose Built Tank

- Poured in One Piece
- No Joins or "Glued in" Compartments
- All Partitions extend to the Lid of the Tank
- NO INTERNAL LEAKAGE
- ✓ Your Clean Recycled Water For Irrigation Cannot Be Contaminated By Untreated Water



Inverted Mould with Reinforcing Ready for Concrete



Completed Tank Ready for Fitout and Lid

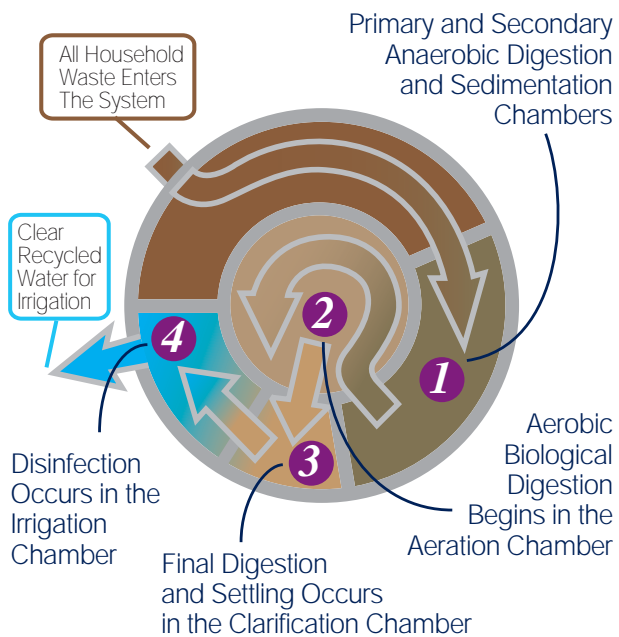


*Not a Converted Septic Tank!*

### Taylex Advanced Blower System (ABS)

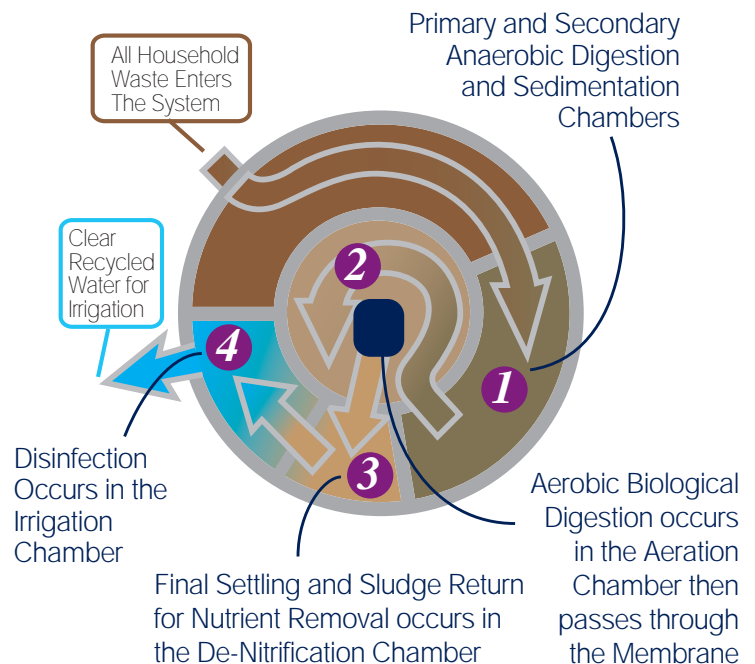
### Taylex Domestic Membrane System (DMS)

## The Four Stages to a Taylex ★★★★★ Advanced Secondary Treatment System



See comprehensive Fact Sheet on pages 6 and 7

## The Four Stages to a Taylex ★★★★★ Advanced Secondary Treatment System with Nutrient Removal



See comprehensive Fact Sheet on pages 8 and 9





# Our Commitment - Service, Reliability & Quality

Professional after sales service together with emergency breakdown response is provided by our qualified service technicians using our modern fleet of service vehicles. Our service technicians are qualified and licensed by the relevant state government authorities ie. Plumbers and Drainers Licensing Board and Wastewater Service Persons Course to ensure that they offer the highest quality in service.

Superior treatment systems with reliable performance...  
Working for you and the environment



## Call Your Authorised Distributor



1300 660 225 Australia Wide

★ Northern  
Manufacturing Division  
ABN 35 113 453 091

Sales Office  
Phone: (07) 3441 5200  
Fax: (07) 3287 4199  
Email: salesnorth@taylex.com.au

★ Southern  
Manufacturing Division  
ABN 67 005 020 333

Sales Office  
Phone: (03) 5799 0650  
Fax: (03) 5799 0651  
Email: salessouth@taylex.com.au



The Standards Mark refers to the concrete vessels manufactured by Taylex.

It does not cover the other items of equipment contained in the system.



[www.taylex.com.au](http://www.taylex.com.au)

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Can we also help with your rainwater tank requirements?