

everGREEN
wastewater



Proud Suppliers of:



QBCC Licence No. 1271384

ABN: 64 108 668 033

Advanced Blower System

An Advanced Secondary Home Sewage Treatment Plant

FEATURES & BENEFITS

- Large Tank** → Longer retention time = Better treatment
- One Pour Mould** → No Leaking interal walls = No cross contamination
- Multiple Baffles/Chambers** → Longer retention time - reduction of fats, oils & grease
- Multiple Inverts** → Saves \$\$\$\$ and Reduces need for riser rings
- TFS Filter** → Retains fats, oils & grease, S/S carry over including sanitary items, foreign objects, suspended solids
- 10/10/10 Water Quality** → Higher peformance than traditional plants
- Lower Total Suspended Solids** → Better for effective re-use applications
- Timer Controlled Aeration** → Can be easily adjusted for varying loads / family sizes
- Low Power Usage** → Due to Timer Controlled Aeration
- No Sand Filter** → Reduces cost of install and enchances aesthetics of tank
- High Quality EPDM (rubber) Diffusers for Air** → Controlled air bubble size to aid aeration
- Nitto Piston Blower (Air Pump)** → Quiet, long lasting, no diaphragms that meed to be replaced every 18 months
- top blower in the field
- High Walls on All Compartments in Tank** → Minimuses 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)

SERVICING

Home Sewage Treatment Plants are required by law to be serviced on a regular basis. We at **everGREEN wastewater** are fully trained and certified Taylex service agents. HSTP's (Household Sewage Treatment Plants) should be serviced for more important reasons than legislative compliance. HSTP's contain trillions of living organisms/bacteria that make up a complete ecology system. They need monitoring and periodic attention for the well being of the colony.

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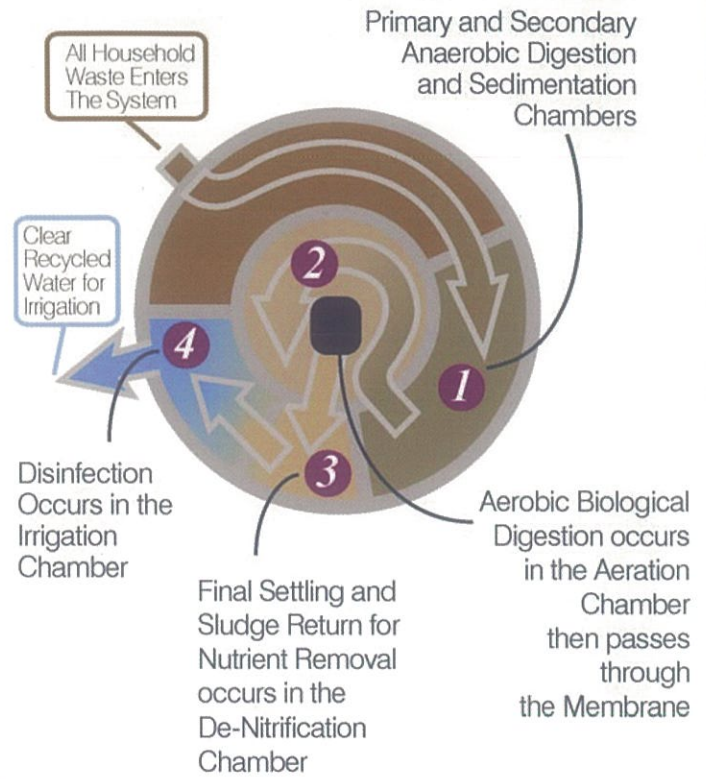
HOW IT WORKS:

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.



WARRANTY

Every Taylex concrete or Poly system is covered by a full manufacturer's warranty. There is a 15 year warranty on the pre-cast concrete tank (tank warranty includes compartment walls) and a 12 month standard warranty on all electrical and mechanical components including the irrigation pump.



FOR FURTHER INFORMATION:

For further information, technical specifications etc please don't hesitate to contact us.

1800 EVERGREEN (1800 383 747 - Freecall From Fixed Phone)

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