

Maintenance Tips for Hynds Lifestyle Plants

Hynds Lifestyle plants are a large and reliable five stage aerobic wastewater treatment system. As far as regular maintenance goes the systems require three yearly pump outs under the Auckland Council Part 29 bylaw, and a regular, (usually six monthly), filter clean and line purge. It is also sensible to check the operation of the air pump, sludge return pump, discharge pump and high level alarm at the same time, and see that the control box is free of vermin and ants. These are jobs a practical person could do themselves, if they were so inclined.

These systems work by first treating the sewage anaerobically in a septic chamber, and then aerating the treated effluent in the second chamber marked (3) in the diagram. The treated wastewater is filtered then allowed to settle before transfering to the pump chamber where it is pumped through a disc filter into dripper lines around your property. Float switches inside the pump chamber control the operation of the pump and High Level Alarm.



Like any septic system the septic tank requires a pump out, or maintenance check every three years under the Auckland Council part 29 bylaw. However, the system will benefit greatly from regular six monthly purging of the drip irrigation lines and cleaning of the solids filter (2) and irrigation filter (6) contained within the housing on the outlet line. To flush the drip irrigation lines, open the purge values at the end of each line and activate the irrigation pump within the screen by lifting the float switch, or

WARNING Modern wastewater treatment systems have electrical components and many of these are immersed. Any wastewater system with an electricity supply is a potential hazard. The maintenance options supplied are provided entirely for use at the sole discretion of the maintenance provider(s). Greenacres Waiheke Limited accepts no responsibility in any form whatsoever for maintenance/repair work, accident or damage as a result of work undertaken by any party not in the employ of Greenacres Waiheke Limited.

Greenacres Waiheke Limited

Phone 3727614

P O Box 395, Oneroa Waiheke Island Auckland 1840 info@greenacres waiheke.co.nz www.greenacreswaiheke.co.nz



Maintenance Tips for Hynds Lifestyle Plants

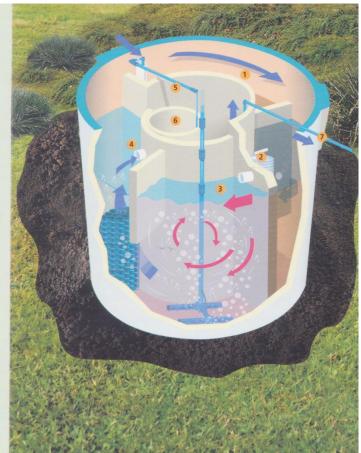
adding more water to the septic tank until the pump comes on. Anything growing inside the drip irrigation will be purged out. Once the water is running clear turn off the flow from the septic tank, and close the purge valve.

This is another Model of the Hynds Lifestyle system, same principle, but different lay out.

- 1. Primary Treatment Tank A two stage traditional Anaerobic treatment process. Features full height walls and an internal baffle to protect the system from surge loadings.
- **2. Biological Filter** An advanced filter to maximise treatment prior to aeration.
- 3. Aeration Chamber Pressurised air is infused into the wastewater through a cutting edge diffusion system. The wastewater is now Aerobic.
- 4. Filtration Chamber

Living micro-organisms are contained in a unique filter media and cleanse the wastewater as it flows through the chamber.

- 5. Recirculation Function An electronically controlled pump recycles settled material back to the primary chamber, increasing performance and decreasing pump out requirements.
- 6. Clarification Chamber Final polishing of the wastewater before passing into the pump chamber.
- 7. Pump Out / Irrigation A smart-pump sends the clear water through a specifically designed dripline system to irrigate your garden.



Should you have any problems with the operation and maintenance of your Hynds Lifestyle wastewater treatment system we are a good point of first contact, and can usually solve your problems or point you in the right direction.

WARNING Modern wastewater treatment systems have electrical components and many of these are immersed. Any wastewater system with an electricity supply is a potential hazard. The maintenance options supplied are provided entirely for use at the sole discretion of the maintenance provider(s). Greenacres Waiheke Limited accepts no responsibility in any form whatsoever for maintenance/repair work, accident or damage as a result of work undertaken by any party not in the employ of Greenacres Waiheke Limited.

Greenacres Waiheke Limited

Phone 3727614

P O Box 395, Oneroa Waiheke Island Auckland 1840 info@greenacres waiheke.co.nz www.greenacreswaiheke.co.nz