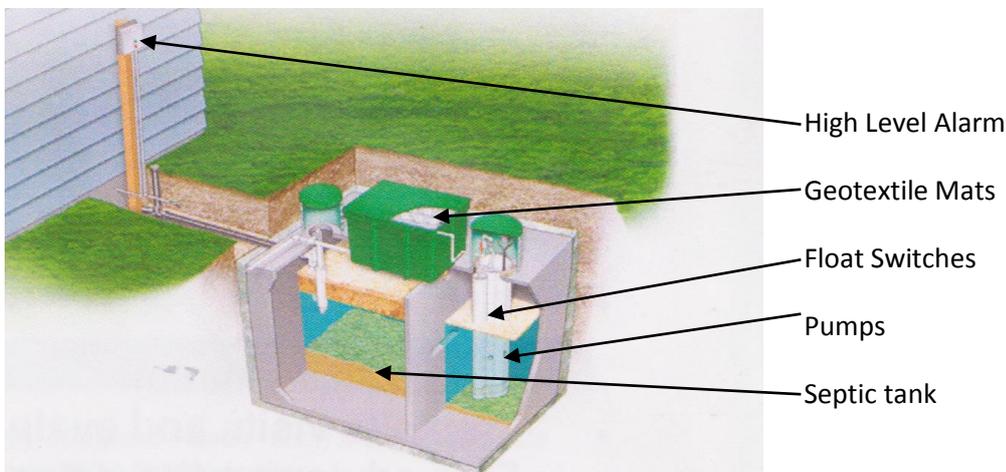




Maintenance Tips for Innoflow Geotextile Filter Sewage Treatment Systems

At Greenacres Waiheke we are committed to the efficient operation of all the various wastewater treatment systems and septic tanks on the island. 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 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 tank and then pumping the screened effluent through a geotextile filter a number of times in order to gain a high level of aerobic biological treatment. The filtered effluent is then pumped to dripper lines around your property. Float switches inside the screen in the septic tank control the operation of the pump and high level alarm. To see a Youtube video of the system at work visit: <http://www.youtube.com/watch?v=8IVmfKnJvLk&feature=related>



To flush the dripper lines open the taps at the end of the lines one at a time and activate the pump within the screen by lifting the float switch, or adding more water to the septic tank until the pump comes on. Anything growing inside the lines will be purged out. Once the water is running clear turn off the flow from the septic tank, turn off the tap and repeat the process on the next line. The pod on the top of the tank contains the geotextile filter. This can be opened and cleaned by giving the mats a good hose down with the garden hose.

Other problems that may arise with this system relate to pump failure or clogging of the screen at the pump inlet. It is best to call us or a registered drainlayer/plumber to look after these sorts of issues.

We are also happy to arrange **maintenance contracts** to undertake the routine flushing of the lines, cleaning of the filters, and check the operation of the pumps, float switches and high level alarms on a regular six monthly basis. Should you be interested in taking up this option please do not hesitate to contact us.

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.

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