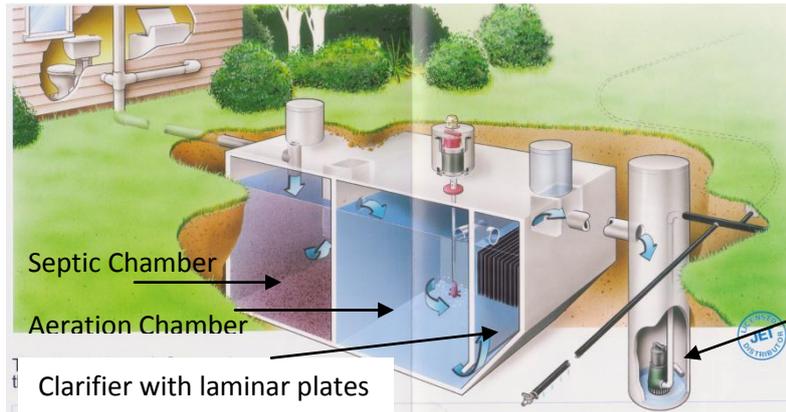




Maintenance Tips for Jet Plants

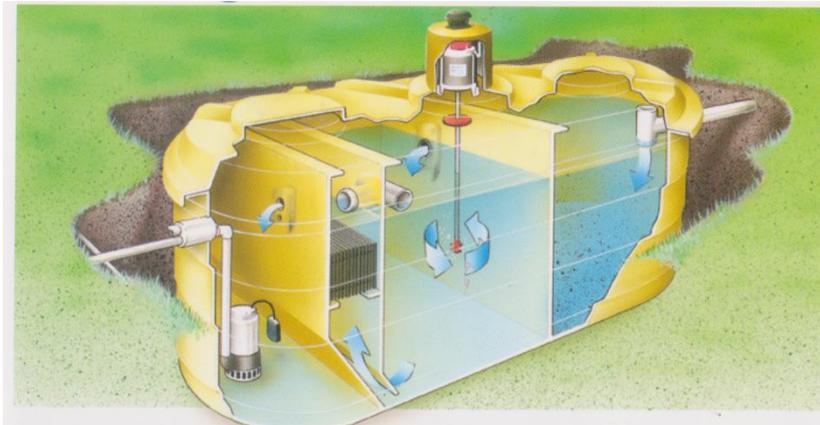
Jet plants are a reliable three stage aerobic wastewater treatment system. As far as regular maintenance goes the systems require three yearly pump outs under the Auckland Council Part 29 bylaw, and a regular, (usually six monthly), filter clean and line purge. It is also sensible to check the operation of the 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. The treated wastewater then passes through laminar plates, which encourage any remaining solids to drop out, before being pumped through a disc filter in dripper lines around your property. Float switches inside the pump chamber control the operation of the pump and High Level Alarm



Purge valve for flushing lines

Pump Chamber containing Float switches for high level alarm and irrigation pump



This is the newer model Jet Plant, with the pump chamber contained in the same unit

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 disc filter contained within the housing on the outlet line. To flush the drip irrigation lines, open the purge valves at the end of each line and activate the irrigation 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 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.

We are fortunate that Jet Waste and Water Ltd maintain an active presence on the island. They service and maintain their plants and can be contacted with any problems or queries on 415 1538.

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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