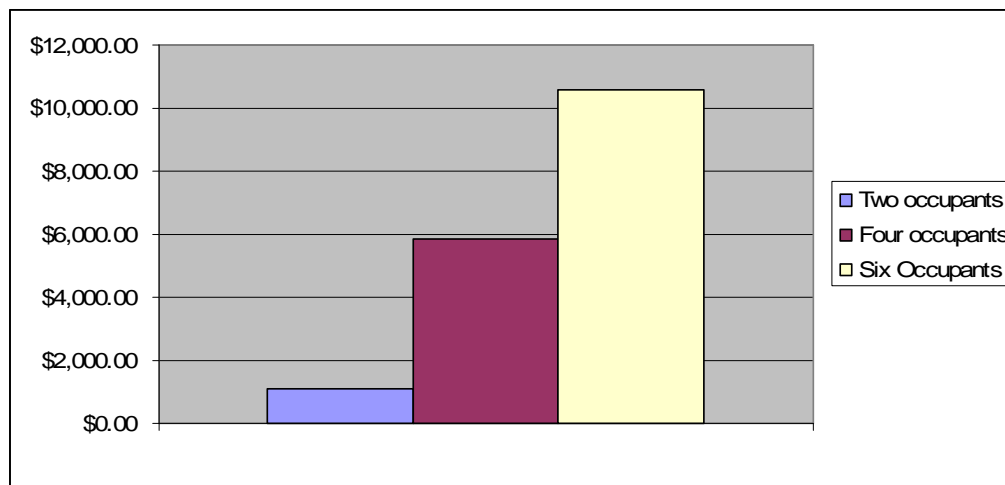


Payback Time for an ECOplus[®] Greywater Recycling System

This analysis is based on 2007 pricing in Auckland City for an average customer as described on the Metrowater website. If you would like an analysis *specifically tailored to your situation*, please email paybacktime@greywater.co.nz with the cost of your water and wastewater bills for the last year (or as much information as you have) and your location. Please also tell us how much water you use in the garden and if you have a pool.

	Two occupants	Four occupants	Six occupants
NPV	\$1,114.73	\$5,838.18	\$10,561.63
Payback	<15 years	<7 years	<5 years
IRR	11.44	22.85	32.56

Table showing Net Present Value, Payback time and Internal Rate of Return



Graph of Net Present Values for 2, 4 and 6 person typical household

Net Present Value

The benefit in today's money of installing the system and operating it for 20 years, taking into account the cost of borrowing the money to pay for the it (NB: a negative figure would be a cost).

Payback Time

The number of years before the system is paid off and begins returning a profit.

Internal Rate of Return

A method for working out the return on your investment. As the rate of borrowing was calculated to be the average cost of a mortgage over the last decade, it is probably reasonable to compare this with the cost of your mortgage (in all cases it would be a better investment to borrow money to install an ECOplus[®]).

Source: Brown, C. (2007) 'Greywater Recycling – Risks, Benefits, Costs and Policy'. Presented at the NZ Water and Waste Association Conference, September 2007, Rotorua.