

Reasons for the use of PWC systems.

The heavy clay soils of much of Rodney become water logged in winter and wastewater disposal fields for onsite wastewater systems often fail with wastewater seeping to the surface causing smells and becoming a health hazard to residents.

In other situations wastewater effluent infiltrates water tables contaminating bore water supplies and local streams.

Pressure Wastewater Collection systems [PWC] do away with these problems. Storing wastewater and pumping it to a treatment station removes it from the property and local environment.

Unlike gravity wastewater systems PWC systems can be installed anywhere and have particular value in flat country where a fall is difficult to obtain or hilly land requiring expensive pumping stations.

In Point Wells where 170 PWC systems were installed in 2008 residents report they are well pleased with their new utility. No noise or smell is evident from the unobtrusive pump and tank buried in the ground near their property boundary.

Power costs to run the pump are not noticeable in monthly power accounts as the pump only runs about 30 minutes each day.

As small bore polythene pipes are used with PWC there was little disruption when households were linked to the wastewater network transferring effluent to the local treatment station.

The larger sections sizes necessary to manage onsite wastewater disposal are no longer needed and this land can now be used for other useful purposes.