

## Who does the electrical work inside the house? Is that extra?

You will be responsible for arranging and paying for the appropriate standard of wiring out to the control box, plus any other electrical compliance costs that may be required.

## Can I still use an Insinkerator?

Yes, you may install an Insinkerator. Insinkerators are not desirable with the old septic tank system because they tend to overload the septic tank and clog up the disposal fields but there is no problem using insinkerators with the new pumped system.

## What happens if I subdivide my section?

If you subdivide your section you will need to pay the property's contribution to the capital costs of the public sewers for each new section at the time of subdivision. When the section is eventually built, the owner at the time will need to submit the 'Application for Connection to Allanton Wastewater Pressure Sewer System' form and pay the appropriate fee for the onsite installation..

**Figure 3: Installed pump unit and control panel (background next to this house's stormwater downpipe. You cannot cover or build over the pump chamber and large shrubs or trees should not be planted within three metres of it.**



**Map of Allanton sewer reticulation area**



## Do you require more information?

You can call our Customer Services Agency on 03 477 4000.



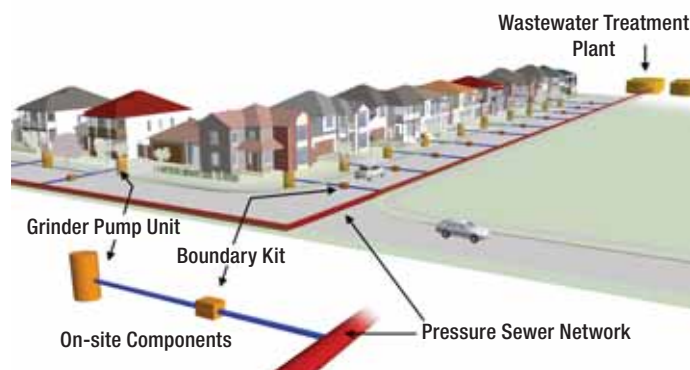
# Allanton Wastewater Scheme

477 4000  
[www.dunedin.govt.nz](http://www.dunedin.govt.nz)

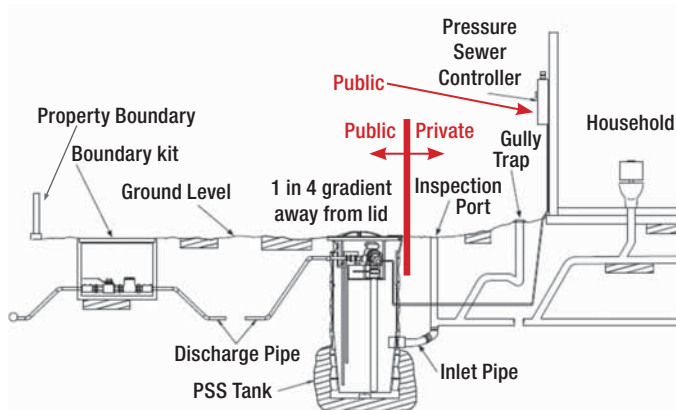
## Introduction

The Allanton wastewater system differs from conventional gravity systems in that it depends on a pumping unit that is installed at each property to pump household sewage to the Council's wastewater pipe network. The pressure sewer pump unit consists of an underground plastic chamber into which a single electric grinder pump is installed. The pumping chamber is usually sized to provide storage of one day for a typical household. The power required to operate the pumping units is sourced from each of the dwellings' domestic power supply and paid for by the property occupier when the power bill is paid. Each pump will consume approximately 65 kilowatt hours of electricity a year depending upon sewage volumes pumped. The household wastewater is pumped into a network of pressure sewers that convey the wastewater to the Mosgiel Wastewater Treatment Plant. The pressure sewers are located in the public road reserve under the berm. Figures 1 and 2 show the main components of a pressure sewer system. This includes the grinder pump unit and pump discharge pipe (located in the property). The pump discharge pipe is connected to a "boundary kit" located in the berm outside the property. The boundary kit includes a valve to allow each property to be isolated from the pressure sewer network for maintenance purposes. The boundary kits are also the connection point between each household and the pressure sewer network located in the road reserve.

**Figure 1: Typical Pressure Sewer Layout**



**Figure 2: Typical household pressure sewer installation**



## Who is responsible for construction, operation and maintenance

- Maintenance of the system downstream of the inlet pipe into the pump chamber is to be undertaken by Council and the cost recovered through the annual Residential Drainage Charge (see separate fee schedule for the amount of the current annual Residential Drainage Charge) which is included as part of the property rates bill from the DCC.
- Power cost is paid for by the property owner as part of their domestic power bill (The power consumption of the pump will be approximately 65 kilowatt hours of electricity a year).
- The Council will own each pump unit, the pump discharge pipe to the boundary kit, and the pump control panel. The property owners will own the drainage from the house to the pump unit.

If there is a problem with the pumping unit (such as a blockage) an audible and visual alarm will be activated in the control panel. If this happens the home owner will need to call the Council Customer Services Agency 03 477 4000 so that maintenance personnel can resolve the problem. Routine maintenance visits (including eventual pump replacement) will be covered by the annual Residential Drainage Rate, but service calls due to improper use (or abuse) may be charged back to the property owner. Improper use would include putting bulky items down the sewerage system such as disposable nappies which may block the pump, or metal objects which may jam the pump.

## What will it cost to connect?

Before connecting to the system the property owner will need to pay the property's contribution to the capital costs of the public sewers and the costs for the onsite installation of the pump, pump chamber, pump controller and pump discharge line. Dunedin City Council Water and Waste Services will provide a quotation for these installations. It does not include the cost to connect the house drain, to the pump chamber or the Annual Residential Drainage charge or the power costs of operating the pump. The current Allanton capital contribution for the property owner's share is shown in the "Application for Connection to Allanton Wastewater Pressure Sewer System".

## How do I apply for a new connection?

You need to complete an "Application for Connection to Allanton Wastewater Pressure Sewer System" form available from the Dunedin City Council Customer Services Centre. You will need to pay the capital contribution when you apply for the building consent. The Council will then assess the cost for your onsite installation and will give you a quotation. On receipt of payment of the quoted amount Water and Waste Services will commence the work.

## Do I have a choice in the brand of pump or can I purchase my own pump?

Sorry, you don't have any choice in the pump selection process. Since Council will own the pumps, like other Council assets, we will take responsibility for the repair, maintenance and replacement of the pump so we need to make sure that the pump is reliable, durable and spare parts will be available.

## Who does the installation work? Can I get a friend to do it to save money?

If your friend is qualified to do the private drainage work between the house and the pump chamber, or the electrical wiring required to supply the control box, they may do so. However, the fee for the installation of what will become Council owned infrastructure (including the pump chamber and control box) is fixed and Council's nominated installer will install this.