



Bowhill Communal Wastewater Management System (CWMS) Maintenance Information Sheet

Your property is connected to the Bowhill CWMS, which means that you will have a pump chamber containing an ABS Pirahna 09 macerator pump on your allotment. The connection to your property is a pit at the boundary containing two 32mm non-return valves.

How does the system work?

The sewerage flows into the pump chamber (solids and liquids) from the house and once this reaches a certain level inside the pump chamber the pump turns on and grinds up the sewerage which is then pumped to the treatment plant via communal sump by the boat ramp. The treatment plant then processes the liquid (sewer) is then aerated, treated with chlorine and pumped to an irrigation site located along Bowhill Road above the floodplain.

Care of your Pump Chamber

- Regularly lift the lid of your pump chamber and inspect the lid area for tree roots. If tree roots are found around the lid then use a suitable commercially available product and spray around the lid area to prohibit further root growth.
- Don't plant any "water seeking" plants close to your pump chamber as the roots will enter the tank.
- The pump chamber is not designed to handle some chemicals or solids as they can affect the bacteria that break down the solids within the treatment plant. Things such as the following should not be put into your system:-
 - Any stormwater, including roof and rain water tank overflow and surface drainage waters
 - Any backflush waters from a swimming pool or water softener
 - Any discharge or backflush from a spa bath/pool in excess of 680 litres capacity
 - Any sanitary napkins, clothing or plastic material or nappies
 - Any trade waste
 - Any petrol or other flammable or explosive substance whether solid, liquid or gaseous
 - Any disinfectant or deodorant, antiseptic or germicide powder or fluid, unless specifically stated to be suitable for use in a septic tank.



This is a picture of tree roots that had grown in a pump chamber and actually prevented the pump from working. This caused the effluent to back up into the house.

What to do if...

The pump is continually running – creating a humming sound, then the...

- Valve box or the connection point may have a problem - contact Council.
- Float switch may be faulty.
- Pump may be faulty.

The alarm light goes on for the pump or if there is no noise and the pump is not working

- Float Switch may be faulty.
- Pump circuit breaker may have tripped off.
- The pump chamber may be full of roots that may be preventing the pump from working – open the lid and check there are no roots. If there are roots, remove them.
- If there are no roots, the pump may be faulty – contact your plumber or electrician.

Please note: If the pump fails, then the original approved pump for this scheme must be installed. If the incorrect pump is installed it either may not work properly or may damage other components of the scheme. You may be held liable for all the damage to the other pumps.

If you have any other questions relating to the Bowhill CWMS, please feel free to contact the CWMS Maintenance Officers or the Environmental Health Officer at the Cambrai Office on 8564 6020.



Mid Murray Council

Phone: 8564 6020

Fax: 8569 1931

Main Street, Cambrai

49 Adelaide Road, Mannum

Fourth Street, Morgan

E-mail: postbox@mid-murray.sa.gov.au

Web: www.mid-murray.sa.gov.au

PO Box 28, Mannum SA 5238



This property is connected to a communal wastewater disposal scheme (sewer system).

Please do not dispose of the following into the toilet, basin, bath or shower:-

- sanitary napkins/tampons
- non biodegradable products
 - disinfectants/bleach
 - medical dressings
 - disposable nappies
 - clothing/plastics.

All of these items have the potential to cause blockages in the sewer system.



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