



March 2007

WELCOME

Welcome to the March 2007 edition of *Wastewater News*. You can find an electronic version of this document on our website:

<http://www.dh.sa.gov.au/pehs/newsletters.htm#wastewater>

Resignation

As many would know, Mehlika Kayaalp resigned from her position as Manager of the Wastewater Management Section in January. Mehlika has made a significant contribution to wastewater management during a period of great change in SA. She has accepted a position in Western Australia with the Water Corporation and we wish her well in her new role.

Tony Farror is acting manager at present.

Legislation Update

As many would be aware, we are presently touring the countryside meeting with as many EHOs as possible to discuss the new Codes and Regulations. It cannot be emphasised enough that your comments are required in order to produce a document which addresses all the issues regarding installation of wastewater systems so please provide us with comments by 30 March. Every council has received a copy of the Codes and Regulations however, if you need further copies they are downloadable from our website at

<http://www.dh.sa.gov.au/pehs/branches/wastewater/draft-connection-code.htm>

SA Water Software Evaluation Update

Discussions are continuing between members of the SIG and SA Water after the first meeting to evaluate the software took place in August. The SIG group will provide further information as it comes to hand.

For the uninitiated, the software has the ability to track inspections, produce reports and alert officers of outstanding certificates of compliance etc. Some of the other features included the ability for plumbers to book their own inspections via the internet and the "user friendly" interface of the software. A most generous offer to supply the software to all councils for free was made at the meeting by Jeff Clarke on behalf of SA Water.

Stay tuned for further information on this one!

Wastewater Treatment System New Product Approvals

The new wastewater products approved for installation in South Australia are:

Septreat Septic Tanks:

The two new Septreat septic tanks have capacities of 3300 L and 4300 L. These are made of precast reinforced concrete.

Hytek 40 kL Septic/Holding Tank:

This unit is a cast in-situ reinforced concrete tank which comes with two types of trafficable lids:

- 350 mm thick for M1600 moving highway traffic load with a maximum overburden of 1200 mm; and
- 200 mm thick for pedestrian/light vehicle traffic load with a maximum overburden of 600 mm.

Gflow Washing Machine Greywater Diversion System:

This system is approved for a loading of up to 6 persons. It consists of a 30 L tank (which can be wall or sink mounted), drain outlet to laundry trough/trapped wastepipe and subsurface drip system suitable for an area of up to 40 m².

Aqua-Nova 8 EP Aerobic Wastewater Treatment System:

This is an 8EP system. It has been approved for a hydraulic flow of 1200 L/day and BOD₅ loading of 400 g/day. The system consists of a 3900 L vertical tapered polypropylene Everhard septic tank followed by an approved 3000 L vertical tapered polypropylene Everhard secondary treatment tank.

Biocycle Model 25 Aerobic Wastewater Treatment System:

This is a 25 EP system. It has been approved for a hydraulic flow of 3750 L/day and BOD₅ loading of 1250 g/day. It consists of three approved 8000 L capacity vertical cylindrical concrete tanks. The first two tanks form the primary/septic chamber and the third one is the secondary treatment tank.

Aqua Nova EP40-SA Aerobic Wastewater Treatment System:

This is a 40 EP system. It has been approved for a hydraulic flow of 6000 L/day and BOD₅ loading of 2000 g/day. It consists of three tanks. An approved 22,500 L capacity tank is used as a primary/septic chamber. Two approved vertical cylindrical concrete tanks of 6000 L capacity each provide the secondary treatment.

CONTACT US

For any further information regarding newsletter content or to raise issues/ provide feedback, please contact us:

Wastewater Management Section

Environmental Health Service ~ DH

Phone: (08) 8226-7100

neville.pash@health.sa.gov.au

tony.farror@health.sa.gov.au

nina.allen@health.sa.gov.au

Kamran.mangi@health.sa.gov.au