

21 June 2007

Our Ref: 41251 - 2

Mr Stephen Watts
Wattworks Pty Ltd
PO Box 569
NORTH BALWYN
VIC 3104

Dear Steve,

WATTWORKS SMARTPIT GREYWATER DIVERSION SYSTEM

Thank you for your emails dated 19th June 2007, outlining the Wattworks Smartpit system to be used as a seasonal greywater diverter for sub-surface watering of lawns or garden.

From the information provided, the Wattworks system does not meet EPA Victoria's definition of a septic tank system. In accordance with EPA publication 812.2, your system can be classified as one for seasonal greywater diversion and as such, is not subject to EPA approval and subsequent municipal council permitting. Please note that it is the expectation of EPA that the system will be used in the manner prescribed in EPA publication 812.2. EPA asks that you make every effort to relay this message to those persons who purchase, install and use your system.

As suggested in EPA publication 812.2, diversion of untreated greywater should only occur during prolonged warm/dry periods. Moreover, greywater diversion systems should be 'fail-safe', i.e. greywater will automatically be diverted to the sewer if the greywater diversion system blocks or otherwise malfunctions. Additionally, EPA publication 812.2 also states that untreated greywater should be applied to the garden via **sub-surface irrigation**.

There would also appear to be risks, apart from the above mentioned public health risk, associated with installation of the Wattworks system in public places. It is important that these risks are assessed and appropriate management processes developed prior to installations for public use.

Where the Wattworks system is proposed to be installed at a premise which treats and discharges wastewater on-site, the relevant local Council should be notified and appropriate consideration of expected discharge qualities, as a result of the Wattworks system installation, considered.



40 City Road
Southbank
Victoria 3006
GPO Box 4395QQ
Melbourne Victoria 3001
T: 03 9695 2700
F: 03 9695 2692
DX 210082
www.epa.vic.gov.au



Please note, in accordance with EPA publication 812.2, the works involved in the installation of a greywater diversion system should be done by a licensed plumber.

Finally, I encourage you to seek advice from the Plumbing Industry Commission in relation to the design and installation of the product with a view to ensuring that the product meets the relevant plumbing regulations.

Should you have any further queries, please do not hesitate to contact me on (03) 9695 2629 or stephen.lansdell@epa.vic.gov.au.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Stephen Lansdell', written over a horizontal line.

STEPHEN LANSDELL
WATER AND CATCHMENT