

Dear All,

I hope you all have a happy, safe and restorative festive season!

This WSUD e-newsletter contains information on **(1)** 2005 NSW Sustainable Water Challenge Case Studies Available **(2)** Refurbished Commercial Building Achieves 6 Star Rating **(3)** WSUD in Sydney Project Workplan for 2006 **(4)** 2005 BRITE Case Studies **(5)** Draft National Guidelines For Water Recycling Out For Comment **(6)** New WSUD Related Conference Papers Available.

Just to let you know there will not be an e-newsletter in Jan 2006, so the next WSUD e-newsletter will be in Feb next year. If any of you come across interesting projects or sites in your festive travels please let me know and I will try and include the information in next year's newsletters or on the website.

1. 2005 Sustainable Water Challenge Case Studies on Website

All the 2005 Sustainable Water Challenge Projects submitted by Councils from around NSW have been added to the Case Studies page of the wsud.org website. New case studies have been added to the following categories: retrofit 8 projects, planning & policy 3 projects, landscape 3 projects, community engagement 3 projects, commercial/Industrial 3 projects and an infill project. These projects are all new projects that were worked on by Councils in 2004/2005. Each project is summarised to 3 pages plus maps/pictures/drawings.

There are now more than 80 WSUD case studies (mostly NSW Council projects) so go and have a look! http://www.wsud.org/case_studies.htm

2. Retrofitted/Reconstructed Commercial Building Given 6 Star Rating

A building first constructed in 1987 has been "recycled" into Australia's first office refurbishment to achieve a 6 Star Office Design rating from the Green Building Council of Australia (this puts the building at "world leadership" status). The Szencorp building is carbon neutral and aiming to be a net energy exporter in 2 years. They have reduced water consumption by 82% (rainwater harvesting and grey water recycling, waterless urinals, electronic taps, etc.) and typical office energy use has been reduced by 70%. There are also other numerous great innovations in the design and construction including use of fuel cells. It is a great example to learn from for the 1000's of commercial buildings that will be refurbished or reconstructed over the next few years.

You can find a two page case study (as well as some other great case studies) on the Green Building Council's website (under green star case studies in office design) and also on Szencorp's website.

See links below:

<http://www.gbcaus.org/greenstar/page.asp?id=9>

<http://www.ourgreenoffice.com/>

3. WSUD in Sydney Project 2006 Workplan

Thanks to all those people who filled in the stakeholder survey and faxed or posted them in. Your responses have been compiled and will be used by the Project's Steering Committee to determine next year's workplan. The workplan will be put up on the wsud.org website early next week. Once it is put on the website you will be able to get to it from the entry page: www.wsud.org

4. 2005 BRITE Case Studies Available

The BRITE Project's (**BRITE** = Building, Research, Innovation, Technology, Environment) aim is to improve the rate and quality of innovation in the Australian building and construction industry. They are part of the CRC for Construction Innovation and they have just released their 2005 series of case studies that may interest some of you (rainwater storage in gutters, site remediation cost savings, etc.). They can be downloaded from

http://www.brite.crci.info/case_studies/index.htm

5. Draft National Guidelines for Water Recycling Out for Comment

For those of you who are looking for some holiday reading!

The purpose of the document is to provide guidelines for assessing risk (rather than to provide a 'how to' manual for water recycling).

The guidelines initially focus on:

- large-scale treated sewage and grey-water to be used for: residential garden watering, car washing, toilet flushing and clothes washing; irrigation for urban recreational and open space, and agriculture and horticulture; fire protection and fire fighting systems; industrial uses, including cooling water; and
- grey-water treated on-site (including in high rise apartments and office blocks) for use for garden watering, car washing, toilet flushing and clothes washing.

Phase two of guideline development, anticipated to commence in 2006, will focus on stormwater reuse, aquifer storage and recovery as a method of recycling reclaimed water and potable use of recycled water.

A report *National Guidelines for Water Recycling – Managing Health and Environmental Risks – Impact Assessment*, which assesses the likely impacts of a move to a national risk management framework has been released in conjunction with the Guidelines.

The closing date for submissions is Friday 13 January 2006.

For further information, go to http://www.ephc.gov.au/ephc/water_recycling.html

6. New WSUD Related Conference Papers Available

I have just added several new conference papers to the wsud.org website from the 10th International Conference on Urban Drainage held in Copenhagen in late August this year. The papers can be found on the WSUD Literature page of the website under General WSUD Literature. Remember the search engine on the site will look inside all the PDF files on the entire site, so if you are searching for specific information it should now be a lot easier to find what you are looking for.

<http://www.wsud.org/literature.htm>

If you have a water sustainability related policy, case study, report or an event/seminar coming up please email me the details and I will endeavour to put the information up on the wsud.org website and/or include it in this e-newsletter.

Please forward this on to colleagues who may be interested in Sustainable Water Management and/or WSUD.

If this e-newsletter was forwarded to you and you would like to receive future WSUD e-newsletters please send an email to info@wsud.org and put **join** in the subject line.

If you want to be removed from this e-newsletter list please email info@wsud.org with **remove** in the subject line.

Regards

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