



INDUSTRY PROGRAMS



Australian and New Zealand Biosolids Partnership E-News

The Australian and New Zealand Biosolids Partnership (ANZBP) supporting sustainable management of biosolids in Australia and New Zealand

Dear ANZBP members and colleagues,

Welcome to the latest newsletter of the Australian and New Zealand Biosolids Partnership.

Project Manager's Update

The ANZBP administration team has been busy setting the future research agenda of the Partnership, working to consolidate the efforts of the Partnership to date. Key activities for the coming 12 months will be the completion and roll-out of a Communications Strategy, and number of research projects on topics deemed of key interest to the ANZBP membership.

Surveys taken of the ANZBP membership (2009 & 2010) identified *Odour Generation from Biosolids* as the single most important concern of biosolids managers. The Water Corporation of Western Australian is currently undertaking research into this issue and is willing to share early findings with ANZBP colleagues. Please visit the members website to download the Literature Review undertaken for this project. The ANZBP will continue to work closely with the Water Corporation in sharing information where possible.

The ANZBP will be undertaking another project exploring *Industrial Contaminant Inputs to Biosolids* and will also be supporting the *Trace Organic Compounds in Biosolids* research project being undertaken by WERF in the United States. For further details, please keep an eye out for the 2011-12 Business Plan which will be published on the member website in coming weeks.

Thank you to members for assisting with the membership renewal process over the past few months. If you are yet to process your organisations' ANZBP invoice, it would be appreciated if this could be completed soon. AWA Finance team may be in touch in coming weeks to follow up on invoices that have yet to be finalised.

Call for ANZBP Advisory Board Member

A number of Advisory Board members have reached the end of their three year tenure and will be stepping down at the next Board meeting. The ANZBP is therefore calling for applications for new members. Please note that Advisory Board members must be employees of organisations currently holding ANZBP membership.

The purpose of the Advisory Board is to provide guidance on the services provided by the ANZBP and advise on specific matters relating to biosolids management as raised by the ANZBP program manager, AWA's CEO and/or AWA's Board. The AWA Board provides the link between the ANZBP and stakeholders in the broader Australian water industry that do not operate in the biosolids management sector.

The application period closes 20th July 2011, with successful applicants confirmed in early August. The first meeting of the newly established Board will be October 2011. Please visit the [home page of the ANZBP members website](#) ([log-in here](#)) to download an Application Form and the Terms of Reference for the Advisory Board.

Please feel free to contact the [Project Manager](#) should you have any questions regarding the above items, or any other queries regarding the ANZBP.

Update on Activities

Adelaide Roadshow & Engagement with Regulatory Bodies - May 2011

This event at Ozwater 2011 was attended by around 20 people, with a good mix of ANZBP members and colleagues from the biosolids management sector in attendance. Attendees heard about the activities of the ANZBP and were presented with a range of the research undertaken over the past few years.

After the Roadshow presentations and a light lunch, attendees sat down to a round table discussion, lead by Advisory Board

member Paul Darvodelsky. The group considered the recommendations of the ANZBP's Review of Biosolids Guidelines, and discussed opportunities and challenges surrounding development of a national code/guideline approach.

Topics of discussion included:

- Conflict between Compost and Biosolids management guidelines.
- Lack of clarity around treatment technology approvals processes (for new technologies).
- Stabilisation requirements and the need for regulations to address risk management rather than be physical process driven.
- The value of a performance based standard or code of practice for biosolids treatment and management.

The meeting agreed that further discussion, with a broader audience of Regulators, would be beneficial. The ANZBP intends to pursue this, and hold a further regulators forum later in 2011. Thank you to all attendees for the support at the event, particularly our colleagues in the South Australian Environmental Protection Authority and the Federal Department of Sustainability, Environment, Water, Population and Communities for their contribution.

Key presentations from the ANZBP roadshows can be found on the public area of the [ANZBP website](#), and you are welcome to share these with your colleagues, and others in the sector.

Next Roadshows: Canberra & Darwin October 2011 (dates to be confirmed)

Please visit the Subscribers section of the ANZBP website for access to the range of ANZBP research reports.

Website Management

New Zealand Website Developed

The ANZBP has purchased the New Zealand domain name: www.biosolids.co.nz

We encourage our New Zealand members to share this link with colleagues and place on their websites.

New Content - Biosolids and Microbial Safety

The ANZBP believes it is important to demonstrate that the water industry takes microbial safety of biosolids seriously. A new page has therefore been developed (on the members website) which provides a number of resources that have kindly been provided by members. Current resources on the page include:

- Summary of Potential Pathogens in Wastewater or Sludge (June 2011)
- Pathogen risk and nutrient status of air-dried and stored biosolids + Appendices
- Numerous conference papers and presentations

New Content - BioCycle Articles

Now available on the 'News' section of the membership website, articles entitled:

- Measuring Carbon Storage in Biosolids Amended Mine Land
- Biosolids Composting in the US - 2010 Update
- Profiles in Biosolids Composting Success

As usual, relevant articles from National and International News services are loaded to the website when they arise - please visit regularly to keep in touch with updates.

Biosolids Experts & Spokespersons Directory

The ANZBP maintains an up-to-date list of independent biosolids spokespersons, technical experts and biosolids contacts. Much of this information can be found on the members website and further details can be sought from the Project Manager. The hope is to expand this list with both member and non-members details in order to assist in identifying and contacting professionals for advice. If you would like to place your contact details on this page please contact the [Project Manager](#).

Case Studies

The ANZBP is seeking Case Studies from members. The objective is to publish completed case studies on the ANZBP website to share with other organisations. Case Studies are an ideal way to raise the profile of a business's activities. If your organisation is planning, or implementing strategies or activities to manage biosolids issues and you would like to contribute a case study, please email your interest to AWA. A Case Study template has been developed and is available upon request.

Seeking Images

Effort is being made to improve the visual appeal of the ANZBP website to increase the retention rate of visitors to the site. As a technical website it currently contains large amounts of text, which could be broken up with images illustrating relevant topics. If you have any clear, interesting images you are willing to contribute to the website please contact the [Project Manager](#). ANZBP will be happy to acknowledge sources.

Events & Interest

AWA Special Events - visiting speaker, Dr James Barnard

Dr James Barnard will be awarded the Lee Kuan Yew Water Prize 2011 on 5 July at Singapore International Water Week for his contribution to the water industry and for inventing a biological method to treat used water so that it can be returned safely to lakes and rivers. His technology, Biological Nutrient Removal (BNR), uses naturally-occurring micro-organisms to remove nitrogen and phosphorus which causes poor water quality. Dr Barnard will be speaking in the following cities:

- Brisbane: 13th July 2011
- Sydney: 14 July
- Melbourne: 15 July

Please see the [website](#) for further details and bookings.

2012 WEF Residuals & Biosolids Specialty Conference – Call for Abstracts

The 2012 WEF Residuals & Biosolids Specialty Conference – Call for Abstracts is now open. The conference will be held from March 25-28, 2012 at the Raleigh Convention Center in Raleigh, NC.

Charting the Future of Biosolids Management Report and Executive Summary

The executive summary and 100-page final report from the National Biosolids Partnership-WEF Charting the Future of Biosolids Management Forum that was held among a panel of biosolids experts in Alexandria, VA., Dec. 1–2, 2010 are available for [free downloading](#). The report highlights recommendations from forum participants to meet the challenges and leverage the potential of solids management in the future, and describes both current and future trends and activities to address identified needs.

The Project on Emerging Nanotechnologies

Nanotechnologies are increasingly being used in domestic products, some of which may reach the wastewater Project is dedicated to helping ensure that as nanotechnologies advance, possible risks are minimized, public and consumer engagement remains strong, and the potential benefits of these new technologies are realized. Visit the [website](#).

Insecticide is added to POPs list

Endosulfan, an insecticide widely used in agriculture for pest control, is the latest chemical to be added to the United Nations' (UN's) list of persistent organic pollutants (POPs), and is targeted for elimination from the global market by next year. Representatives of 127 governments meeting in Geneva in April agreed to add the organochlorine-based pesticide to the list because it is known to cause reproductive and developmental damage in both animals and humans. More [here](#).

National Biosolids Partnership - Webcasts

Members should note that the NBP regularly holds webcasts discussing a range of topics relevant to Industry and researchers. Although the webcasts are held in US daytime, Power Point PDF files for the webcasts are available for downloading from their [website](#).

As specialists working in biosolids management, you are invited to share information on biosolids developments, as well as resources and activities that may be valuable to other ANZBP subscribers. Any contributions, plus your comments on this E-news or the ANZBP website (www.biosolids.com.au) can be forwarded to the ANZBP Project Team - admin@biosolids.com.au

From the ANZBP Team

This email has been sent on behalf of the Australian and New Zealand Biosolids Partnership by:

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