

Workshop series

Health risk assessment of recycled water using bioanalytical techniques – The science and its application

Brisbane	14 th October 2011
Sydney	27 th October 2011
Melbourne	17 th November 2011
Adelaide	18 th November 2011
Perth	24 th November 2011

Water Quality Research Australia (WQRA) and the National Water Commission (NWC) is supporting a series of workshops on the science behind the use of bioanalytical methods in water quality assessment in conjunction with the presentation of the results of a recently completed research project funded under the Raising National Standards program of the National Water Commission (Waterlines report #48). The workshops will be of interest to water scientists, engineers, catchment managers, regulators, government departments and water scheme proponents.

Workshop purpose

The purpose of the workshops is to:

1. To inform and educate members of the water industry and government on the science underpinning the use of the emerging method of biological monitoring that specifically targets bioactive organic chemicals.
2. To present the research outcomes of a recently completed project called 'A national approach to risk assessment, risk communication and management of chemical hazards from recycled water' jointly funded by the NWC Raising National Standards program, WQRA and industry partners.
3. To present the information within the context of regulatory risk assessment and monitoring as briefly discussed in the Australian Water Recycling Guidelines, Phase 2 Augmentation of drinking water supplies (2008) and to explore opportunity for incorporation of the techniques into monitoring programs.

Presenters

The presenters were lead investigators for the 'A national approach to risk assessment, risk communication and management of chemical hazards from recycled water' project, the final report of which was published in May 2011 by the NWC.

- Dr Stuart Khan, UNSW
- A/Prof Heather Chapman, Griffith University
- Dr Frederic Leusch, Griffith University
- Dr Andrew Humpage, Australian Water Quality Centre
- Dr Tarren Reitsema, Department of Water, WA

Enquiries

Heather Chapman

Email h.chapman@griffith.edu.au

Registration

There is no cost to attend the workshops however registration is required for catering purposes. Please complete the last page and email (or fax) to H.Chapman@griffith.edu.au

Workshop schedule (Sydney, Melbourne and Adelaide)

noon - 1pm	Registration and lunch		
1pm - 1.05pm		Welcome and overview of workshop	WQRA/NWC
1.05pm - 1.20pm	Session 1	Introduction and context	Heather Chapman
1.20pm - 1.50pm	Session 2	Science behind the use of bioanalytical techniques for water quality assessment	Fred Leusch
1.50pm - 2.20pm	Session 3	Outcomes of the NWC project - technical results on water quality	Fred Leusch and Andrew Humpage
2.20pm - 2.50pm	Session 4	The case for IPR/DPR and chemistry	Stuart Khan
2.50pm - 3.10pm	afternoon tea		
3.10pm - 4.10pm	Session 5	Regulations and monitoring programs - an integrated approach	Andrew Humpage and Heather Chapman
4.10pm - 4.30pm	Session 6	Question and answer session	All
4.30pm	Close		WQRA/NWC

Workshop schedule (Brisbane and Perth)

9am	Coffee and registration		
9.30am		Welcome and overview of workshop	WQRA/NWC
9.35am	Session 1	Introduction and context	Heather Chapman
9.50am	Session 2	Science behind the use of bioanalytical techniques for water quality assessment	Fred Leusch
10.20am	Morning tea		
10.40am	Session 3	Outcomes of the NWC project - technical results on water quality	Fred Leusch and Andrew Humpage
11.20am	Session 4	The case for IPR/DPR and chemistry	Stuart Khan
11.50am	Session 5	Regulations and monitoring programs - an integrated approach	Andrew Humpage and Heather Chapman
12.20pm	Session 6	Question and answer session	All
12.50pm	Close		WQRA/NWC
12.50pm	LUNCH		
1.50pm		Visit to Beenyup Water Treatment Plant (Perth only)	Dept Water, WA / Water Corporation

Health risk assessment of recycled water using bioanalytical techniques – The science and its application in water quality monitoring

Registration form

Please indicate which workshop/s you wish to attend

- | | | |
|--------------------|-------------------------------|--------------------------|
| Brisbane | 14 th October 2011 | <input type="checkbox"/> |
| Sydney | 27 th October 2011 | <input type="checkbox"/> |
| Melbourne | 17 th October 2011 | <input type="checkbox"/> |
| Adelaide | 18 th October 2011 | <input type="checkbox"/> |
| Perth | 24 th October 2011 | <input type="checkbox"/> |
| Perth only | | <input type="checkbox"/> |
| Beenyup site visit | | |

Please enter your details below

<i>Title</i>	
<i>First name</i>	
<i>Organisation</i>	
<i>Position</i>	
<i>Address</i>	
<i>Suburb</i>	
<i>State</i>	
<i>Postcode</i>	
<i>Work Phone</i>	
<i>Mobile Phone</i>	
<i>Email address</i>	
<i>Dietary requirements (blank if none)</i>	

Please complete registration form and email to h.chapman@griffith.edu.au by the following dates

- | | |
|-----------|--------------------------------|
| Brisbane | 7 th October 2011 |
| Sydney | 21 st October 2011 |
| Melbourne | 4 th November 2011 |
| Adelaide | 4 th November 2011 |
| Perth | 11 th November 2011 |