

Workshop

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

**Melbourne 17th November 2011
22 Dalmore Drive, Scoresby**

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.

<http://www.nwc.gov.au/www/html/3062-waterlines-48.asp>). 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.

- A/Prof Heather Chapman, Smart Water Research Centre, Griffith University
- Dr Stuart Khan, UNSW
- Dr Frederic Leusch, Smart Water Research Centre, Griffith University
- Dr Andrew Humpage, Australian Water Quality Centre, Adelaide
- Dr Tarren Reitsema, Department of Water, WA
- Commissioner Chris Davis, NWC

Venue

ALS Water Resources Group
1st Floor, 22 Dalmore Drive, Scoresby, Victoria
Parking available

Registration

There is no cost to attend the workshops however registration is required for catering purposes. Please email to H.Chapman@griffith.edu.au by **Friday 4th November 2011**.

Workshop Schedule

noon - 12.40pm	Registration and Lunch		
12.40 pm		Welcome and overview of workshop	Commissioner Chris Davis
12.50 pm	Session 1	Introduction and context	Heather Chapman
1.00 pm	Session 2	Science behind the use of bioanalytical techniques for water quality assessment	Fred Leusch
1.30 pm	Session 3	Outcomes of the NWC project – technical results on water quality - BIOASSAYS	Fred Leusch and/or Andrew Humpage
2.00 pm	Session 4	Outcomes of the NWC project - technical results on water quality - CHEMISTRY	Stuart Khan
2.30 pm	Afternoon Tea		
2.45 pm	Session 5	Regulations and monitoring programs - an integrated approach	Andrew Humpage and Heather Chapman
3.15 pm	Session 6	Question and answer session	All
3.45 pm	Close		