

LGNSW Water Management Conference 2014

Port Macquarie, 25 - 27 August 2014
Draft Program as of 22 August 2014

Conference MC: Gerry Gannon		
Monday 25 August, The Glasshouse Port Macquarie		
3.00pm – 6.00pm	Registration opens	
6.00pm – 8.00pm	Welcome Reception and Registration	Cr Keith Rhoades AFSM, President, LGNSW
Tuesday 26 August, The Glasshouse Port Macquarie		
8.00am	Conference Registration opens	
8.30am	Trade Exhibition opens	
9.00am	Welcome and overview of the day	Gerry Gannon, MC
9.05am	Welcome to Country	Uncle Bill O'Brien, Birpai Local Aboriginal Land Council
9.10am	Welcome to Port Macquarie	Cr Peter Besseling, Mayor, Port Macquarie-Hastings Council
9.20am	Address from LGNSW	Cr Keith Rhoades AFSM, President, LGNSW
9.30am	Keynote address The NSW Government's priorities in urban water management in regional NSW	The Hon Kevin Humphries MP, Minister for Natural Resources, Lands and Water
10.00am	Keynote address Key challenges for urban water management – Looking ahead to 2030	Greg Ryan, Manager of Utility Excellence, Water Services Association of Australia
10.30am	Morning tea	
10.50am	Product/ Organisation overview <i>Distinguished sponsor: savewater!</i>	
10.55am	Keynote address Urban water futures – Regional water utilities and the National Water Commission's Triennial Assessment	Hon Karlene Maywald, Chair, National Water Commission
11.25pm	Panel discussion Where to now? - Structural and regulatory reform of Local Government and local water utilities and outcomes of the Independent Local Government Review Facilitator: Grant Leslie, General Manager Australia, The Balmoral Group	Professor Graham Sansom, Adjunct Professor, UTS Centre for Local Government; Former Chair of the Independent Local Government Review Panel Greg Ryan, Manager of Utility Excellence, Water Services Association of Australia The Hon Karlene Maywald, Chair, National Water Commission Carmel Krogh, Director Shoalhaven Water, Shoalhaven City Council

12.25pm	Presentation Reclaimed water and current obstacles in the NSW legislative framework and with NSW approvals – Lessons from Port Macquarie	Jeffery Sharp, Director Infrastructure & Asset Management, Port Macquarie-Hastings Council
12.55pm	Product/ Organisation overview <i>Distinguished sponsor: Hunter Water Australia</i>	
1.00pm	Lunch	
2.00pm - 5.00pm	Concurrent sessions (Site Visit or Water Directorate Forum)	
<p>Site Visit: reclaiming and storing water The site visit will look at Port Macquarie-Hastings Council's reclaimed water and new storage facilities including:</p> <p>Port Macquarie Reclaimed WTP The Port Macquarie Reclaimed Water Scheme supplies Port Macquarie-Hastings Council and commercial premises with an alternative water source. Reclaimed water is used to irrigate Council parks and gardens, nurseries, bowling greens, commercial car washing, commercial laundry, toilet flushing, and construction applications.</p> <p>The \$12 million scheme, fully funded by council, has produced a ground breaking example of industry best practice. The building and landscaped surrounds is a local showcase for urban design, incorporating many water and energy efficiency principles and practices.</p> <p>Delegates will be able to view a state of the art reclaimed water treatment facility that includes reverse osmosis, microfiltration and ultraviolet disinfection.</p> <p>Sancrox Reservoir The Sancrox Reservoir, a 20ML reservoir being constructed to supply the western development areas of Port Macquarie.</p> <p>Delegates will be able to view a large concrete reservoir during the construction phase and will be able to discuss the complexities associated with this type of construction with the contractor on site.</p>		
<p>Water Directorate Forum The forum is organised by the Water Directorate NSW and provides an opportunity to discuss issues around the operations of local water utilities.</p> <p>Chair: Gary Mitchell, Executive Officer, Water Directorate</p> <p>Topics include:</p> <ul style="list-style-type: none"> • Overview of the Water Directorate submissions on the reform of Local Government and local water utilities the past 12 months including: <ul style="list-style-type: none"> – National Water Commission's Triennial Assessment and Urban Water Futures report; – Urban Water Regulation Review; – Local Government Acts Taskforce; and – Independent Local Government Review Panel; • Fluoridation of public water supplies; • Backflow and Cross Connection Control; • Discussion on proposed Water Directorate projects including: <ul style="list-style-type: none"> – Independent evaluation of sewer pipe rehabilitation; – Energy use and efficiency for wastewater treatment plants; – Co-funding of large research projects by members; and – Mentoring scheme for large members to share resources with smaller members. 		
7.00pm - 10.30pm	Conference Dinner <i>Froth and Fodder</i>, Rydges, 1 Hay Street, Port Macquarie	
Wednesday 27 August, The Glasshouse Port Macquarie		
8.15am	Conference Registration opens	
8.30am	Trade Exhibition opens	
8.50am	Welcome and overview of the day	Gerry Gannon, MC
9.00am	Keynote address A tale of three countries – Mentoring of and partnerships with water utilities in the Pacific	Brendan Guiney, Executive Manager, Infrastructure Development MidCoast Water
9.30am	Keynote address Health based targets for water utilities	Richard Walker, Project Manager, WSAA Health Based Target Project

10.00am	<p>Panel discussion Direct potable reuse - Drinking water through recycling</p> <p>Facilitator: Don Alcock, Knowledge Adoption Manager, Australian Water Recycling Centre of Excellence (AWRCOE)</p> <p>The panel will discuss:</p> <ul style="list-style-type: none"> • Overview of ATSE report, <i>Drinking water through recycling: Benefits and Costs of Supplying Direct to the Distribution System</i>. • Reuse trends and initiatives in USA. The IPR and DPR 'revolution' in California, California Direct Potable Reuse Initiative, Southern California and Texas potable reuse projects. Joint potable reuse R&D initiatives between US and Australia, WaterReuse (California) and Australian Water Recycling Centre of Excellence. • Australia's Demonstration, Engagement and Education Program for recycled water to be viewed an 'acceptable' drinking water alternative. • Opportunities for IPR and DPR projects in NSW. 	<p>Dr Stuart Khan, Senior Lecturer, University of NSW; Lead author, ATSE Drinking water through recycling report</p> <p>Dr Mark O'Donohue, CEO, AWRCOE</p> <p>Dr Paul Greenfield, Chair, Project Advisory Committee National Potable Reuse Demonstration Project for AWRCOE</p> <p>Graeme Watkins, Strategic Operations Manager, MidCoast Water</p>
10.45am	<p>Product/ Organisation overview <i>Distinguished sponsor; Veolia</i></p>	
10.50am	<p>Morning tea</p>	
11:10am – 1.10pm	<p>Concurrent Streams (Select one stream)</p>	
<p>Stream 1 – Water recycling Facilitated by Eliza Forster, Project Engineer Water & Sewer Process, Port Macquarie Hastings Council</p>		
11.10am	Water recycling investment decisions - Learning from others	Andrea Turner, Research Director Institute for Sustainable Futures, University of Technology, Sydney
11.40am	The economic viability of recycled water projects	Phil Pickering, Director, Maarsden Jacob Associates
12.10pm	The Rosehill Recycled Water Scheme – A unique public and private partnership	Alban Delpey, Operations Manager, Fairfield Recycled Water Treatment Plant, Veolia
12.40pm	Recycled water - Challenges for regional schemes in the application of the Australian Guidelines for Water Recycling	Dr Nanda Altavilla Recycled Water Assessment Specialist, NSW Office of Water and Metropolitan Water Directorate, DPI
<p>Stream 2 – Managing drinking water quality Facilitated by Gerry Gannon, MC</p>		
11.10am	Implementing quality assurance programs for drinking water management systems – An update	Dr Paul Byleveld, Manager – Water Unit, NSW Ministry of Health
11.40am	From drinking water management system to quality management system – The Cooma-Monaro Shire Council experience	Linda Nicholson, Director of Engineering Services, Cooma-Monaro Shire Council Gidi Azar, Managing Director, HydroScience

12.10pm	Sometimes the little things are the large things – Making a big difference in the quality of supplied water	Kamal Fernando, Principal Engineer, Water & Wastewater, NSW Public Works
12.40pm	Goldenfields Water Regional data acquisition and GIS water quality thematic colour mapping	Andrew Grant, General Manager, Goldenfields Water County Council
Stream 3 – Energy efficiency in water utility operations Facilitated by David Oxenham, Director Engineering, Tweed Shire Council		
11.10am	Energy efficiency and electricity self-generation in a large water and wastewater utility	Greg Appleby Energy Specialist, Sydney Water
11.40am	Efficiency and cost minimisation in water supply operations	Jason Ip, Manager Operations, Riverina Water County Council
12.10pm	Energy management at Dawson River and Stroud Sewerage Treatment Plants	Graeme Watkins, Manager Strategic Operations, MidCoast Water
12.40pm	Snowy River Shire Council: rising to the challenge of sustainability	Gnai Ahamat, Water and Waste Manager, Snowy River Shire Council Dr Jo Clarke, GIS Coordinator, Snowy River Shire Council
1.10pm	Lunch	
2.00pm	Presentation Shoalhaven's water trainee program	Carmel Krogh, Director Shoalhaven Water, Shoalhaven City Council
2.30pm	Presentation The NSW Government's Urban Water Regulation Review – An update	Timothy Matheson, Senior Policy Officer, Metropolitan Water Directorate, Department of Primary Industries
3.00pm	Presentation Water entitlement management – Market opportunities for improved water supply security and economic outcomes	Chris Olszak, Director, Aither Melbourne
3.30pm	Summary and future commitment	Gerry Gannon, MC
	Close of conference	

This program is correct at the time of printing; speakers and program details may have changed due to unforeseen circumstances.