



OPERATOR



February 2006 Edition

Inside

- ~ President's Prattle P. 2
- ~ Profile of a Member P. 2
- ~ From the EO's desk P. 3
- ~ 2005 Kwatye Prize Progress Report P. 3
- ~ Tsunami P. 4, 5 & 6
- ~ Environmental Group Limited acquires operations in Wodonga & Redcliffe P. 6
- ~ Profile of the IWA P. 7
- ~ Water Treatment Guides P.7



*Who is this Operator?
Find out more on Page 2.*



*Dave Neru and Les Collins in Aceh Province.
Read their incredible story on
Pages 4, 5 & 6.*

President's Prattle

This is the first edition for 2006 ~ Happy New Year, or for those born in the year of the dog ~ Woof, woof!



We embark on brave new adventures this year

Our Executive Officer is busily planning the Queensland Operators conference to be held in Rockhampton from 4 to 6 July. This is our first ever Queensland conference planned together with WITA and AWA. We are certainly looking forward to growing the WIOA family in Queensland. Ensure you note the diary dates listed in this edition as there are many events which WIOA will be attending or directly involved in this year.

On 25 February we are holding our AGM in Angelsea as part of our annual weekend seminar, it's being held a little earlier this year and places have filled rapidly. If you are interested in attending there may still be a spot or two left, so contact Peter Tolsher for further information.

This year we have changed the format of our annual report to include it in a "Members Information Handbook", we hope you enjoy the change. The handbook should be a useful document which includes everything you ever needed to know about WIOA.

The Kwatye Prize application form is now available from our website: www.wioa.org.au the timeframe to submit the application has been extended, so there is absolutely no excuse! I encourage all Members to give it a go. The new closing date is 21 July. If you want any further information regarding the prize please contact myself or anyone from the committee, we will be happy to help. Within this edition of the Operator the Inaugural winner, Eddy Ostarcevic has provided us with an update on his project and you can go to our website to read more.

What else is coming up? A trip to New Zealand, the operator exchange, the South Australian Operators seminar, discussions regarding an alliance with VSORG, hopefully the first release in a series of affordable and very practical operator handbooks, our annual Victorian conference to be held again in Bendigo and much, much more. With so many items on offer this year why not make a point of joining in at least one in 2006?

Cynthia Lim
WIOA President

Correction

Apologies to **Environmental & Process Technologies (division of Biolab)** for the error in the Corporate listing in the 2005 Annual Report. They have been listed as Environmental & Process Control. Note that the Phone No should be **1300 735 295**

Profile of a Member

Name: Charlie Suggate

Position/Job Title: Senior Plant Operator

Employer and Location: EGL Management Services based at the Redcliffe WWTP, Queensland.

How long have you been employed in the water industry?
For about four years; 1 month at Redcliffe

How long have you been a WIOA Member?
Four years

What benefits are there being a WIOA Member?
Keeping informed on industry happenings and the opportunity to network with others in the industry.

How/why did you become an operator?
Part of my studies at university incorporated water and wastewater treatment subjects, we even went to the Wodonga WWTP for one of the field trips, so when I was informed of a vacancy at Wodonga I approached the plant manager and told him I'd like to start a career in WWT.

Can you tell me a bit about your plant?
Primarily a domestic sewage plant (ADWF 12ML/d, WWF 48ML/d), it utilises 2 primary clarifiers, a prefermenter, 4 Bardenpho BNR reactors, 3 secondary clarifiers and UV disinfection before discharge into an estuary. Biosolids treatment starts with centrifuge thickening fed to anaerobic digesters. Digested sludge is then dewatered via a separate centrifuge and transported offsite.

What does your job involve?
Daily monitoring of plant influent/effluent quality and biological environments in the prefermenter, clarifiers and bioreactors including lab analysis and making changes where necessary. I'm also involved with conducting site maintenance and being part of the on-call roster.

What are the major challenges you face in your role?
Using and manipulating older equipment to achieve effective treatment and produce effluent within the compliance standard. NB. The plant has had several upgrades since it was first built in the 1950's.

What do you think you'll be doing in 5 years time?
Plant manager at an EGL operated site.



Conferences 2006

The Call for Papers is open for the Qld and Victorian conferences. We are now accepting abstracts for both platform and poster papers and there is a strong possibility that we will be running a dedicated dams/headworks paper stream at the Victorian conference this year. If you are interested in either of the poster or platform paper categories, please return your abstract to me ASAP.

The trade registrations for the Qld workshop will be sent out in early March and the Victorian event a bit later in the year.

You can check the dates for all events in the calendar in this newsletter and in later editions of "Words" for updates and more information.

Annual report

The 2005 Annual Report has been finalised and will be distributed. We have added some more information to it this year which we hope will be useful to members and even prospective members. Also included is a summary of the main activities undertaken by the Association along with the usual financial information. Please take the time to read the report and we'd love to receive your feedback on any issues.

Subscriptions Owing

All Members owing fees have been sent a Tax Invoice detailing the outstanding amount. Although many people have responded and paid their fees, there are still a number of Members with amounts outstanding. Although we don't want to remove names from our Members list, we will do this if the fees are not forthcoming in the near future. Please make an effort to pay or alternatively, if you don't wish to remain a Member, please let me know.

Water Industry Skills Development

Following on from the training forum in Sydney in May 2005, WIOA was invited to participate in the Water Industry Capability Development (WICD – pronounced "wicked") initiative. As well as WIOA, this group includes representatives from AWA, WSAA, IAA, ANCID, ANCOLD, and the Unions. Obviously this group has an interest in vocational training and the Water Training Package, but its goals also encompass developing various initiatives designed to meet the needs of the entire industry, including the professional sector.

At the Sydney forum, a wide range of training and staffing related issues were canvassed with input from various sectors of the industry. The potential task list developed was considerable in length and scope. The next step in the process is to develop the "Reference Committee" with a role of reviewing the task list and setting some more specific outcomes and timelines.

A "Training and Professional Development" stream has been added to the programme for the AWA's 2nd Water Education Network (WEN) conference to be held in Alice Springs in April 2006. Details of the conference program are available from the AWA website so if you have an interest in this topic, we suggest

that you register. The new Reference Committee will have its first meeting at this conference.

Industry Training

All WIOA Members have been sent a newsletter from ALGT which included an invitation to participate in a number of Industry Advisory Groups looking at specific issues within the Water Industry Training Package. A number of workshops in all States have been arranged to receive feedback from interested people.

Everyone who registered their interest to ALGT should have received a personal invitation to attend a Workshop in their State. If for some reason you didn't, the list of Workshop dates and venues is contained on the Home page of the WIOA website

George Wall
Executive Officer - WIOA

KWATYE PRIZE 2005 Progress Report

Well I am now down to the final count down but Molly Meldrum hasn't been of any help in planning this ambitious study tour. Twenty days to go (I leave on March 12) and there are still lots of final details to lock in; such as finally locking in appointments in the various cities that I will visit overseas and trying to sort out who, what, where and when to visit plants and people involved in this field of the water industry. Detailed planning is one of the key tips that I can pass on to the winner of the 2006 Kwatye (Water) Prize.

The networks that have been developed by members of our water industry are incredible. Just ask people in our industry about any topic and you can be sure that one of our colleagues will know someone somewhere in the world that has the required knowledge and skills. I want to thank many people that have helped with contacts across the world; they have made it easier to lock in a serious learning experience from the US through the UK, Scandinavia and Europe. At this stage I have scheduled visits to at least a dozen operating nano filtration plants and plan to meet key people in the largest membrane manufacturers in the world.

There are many exciting people and places to visit and full details will be provided after my return and during the 69th WIOA Conference in Bendigo this September but I would like to share some brief details about two plants. Northern Paris receives about 160ML/d of treated potable water from the Mery-sur-Oise WTP. Nanofiltration was added to the already extensive treatment processes used to treat water from the Oise River to remove dissolved organic carbon and other chemical contaminants from the raw water. Final water DOC concentration levels are routinely maintained at around 1mg/L. Residents of the southern suburb of Irvine Ranch in LA receive groundwater treated using nanofilters to remove colour. The interesting thing about this plant is that it operates at a recovery of about 95%, not that much different to conventional treatment processes.

But wait there is more, and I will share it with you in the next issue. See you at the 69th WIOA conference this year.

Eddy Ostarcevic GWM Water

“Editors Note”

Delegates at the Victorian conference in Bendigo in 2005 listened to and watched a very special Keynote presentation by two of our Kiwi guests in Dave Neru and Les Collins. What those present heard and saw almost defied belief and although the images portrayed on the day were somewhat sanitized, the true magnitude of the destruction and suffering was evident. In the interests of informing the remainder of our Members, Dave and Les have produced the following article and were gracious enough to answer some reasonably personal questions about the whole experience.

Tsunami - “Hell on Earth”

On Boxing Day 2004, an earthquake measuring around 10 on the Richter Scale occurred approximately 100 kilometres off the western coast of the Indonesian island of Sumatra. The earthquake generated two tsunami waves that slammed into the coast line of the northern Sumatra province of Aceh, minutes after the quake was generated.

The waves were reported to have traveled in the open ocean up to 600 miles per hour and each had a length, from the front of the wave to the back, of 100 kilometres. The first wave gained height once reaching the coast line of Aceh and averaged a height of 3-4 metres. It traveled inland for a distance up to 2 kilometres. Shortly after the first wave retreated, the second and more devastating wave arrived, which was reported to have been between 10 and 15 meters high and infiltrated up to 8 kilometres inland.

After the earthquake and the resulting tsunami waves, Banda Aceh (estimated population: 800,000) the largest city in the province was reported to have lost a quarter of its population, Meulaboh, (estimated population: 75,000) the second largest city and located on the southern west coast, lost a third of its population and Calang, a city on the western coast between Banda Aceh and Meulaboh with an estimated population of 18,000, had 40 survivors.



The view of Calang from the air

Between these cities on the western coast were an unknown number of small towns and villages that were wiped off the face of the earth. Their fate most likely never to be known! The scale of this natural disaster had shocked the world and like many countries New Zealand was keen to help.

Les Collins from Queenstown and myself (Dave Neru) from Wellington, were seconded to Oxfam NZ to assist with the relief efforts in the Aceh Province. Les and I had worked together in the 1999 flood event in Queenstown, New Zealand and we were classed as emergency and operational water and wastewater specialists. Our brief, simple... “find water and get it to as many people as you can”.



Dave Neru (L) and Les Collins survey the unbelievable damage in Banda Aceh

We arrived on 3rd January and worked in the Province for a month.

Our first impression - Shocking!

Carnage, including rotting bodies lay everywhere the eye could see, on a scale that few could ever imagine. Banda Aceh City had lost approximately 16 square kilometres of its city, Meulaboh had lost 2 square kilometres and Calang had been totally destroyed. Evidence of structural foundations were the only signs left, of what were once villages or townships that were inhabited on the western coast of the province.

It was shocking to see that these rotting bodies still laid everywhere in the disaster areas after such a time had lapsed since the earthquake and tsunami. The only comparison to the scale of the carnage could be perhaps the Hiroshima and Nagasaki events. The devastation and destruction of the buildings was the same, but instead of charred bodies, we saw bloated yellow bodies.

Mass graves were scattered around the disaster areas with no known attempts to identify bodies before they were placed in the graves. Nothing was spared, not human life, nor buildings or structures, vehicles and machinery - everything within the path of the tsunami that may have survived the earthquake was destroyed or killed. With all this destruction and death we found courage, humility and people wanting to rebuild their lives.

In Aceh Province much of the structural damage was actually caused by the earthquake. The tsunami waves came in and literally cleaned the rubble away and of course killed the majority of people. The city's water treatment plant (or the only one we saw) in Banda Aceh was structurally sound and workable. It was located just outside the disaster area. The problem with it was it could not get water as the river intake structure was damaged and the distribution reticulation was also damaged. The Aust Defence Forces (ADF) had set up a temporary drafting system which got water to the plant and even though the distribution network was damaged water could still flow, but at low pressures.

Meulaboh City was the same, with the intake structure damaged but unlike Banda Aceh City, the entire city's distribution network had been damaged and water could not get through to the majority of the city. Water was being tankered to parts of the city and temporary camps within the city boundary.

Source water throughout the province was generally surface water from creeks or rivers. There were a number of bores or wells used within the villages or small township communities. Most of these sources, including the surface waters, had been contaminated with sea water.

Les spent most of his time in Meulaboh building a new package treatment plant that would draft out of a local river. This plant was a kitset provided by Oxfam International. Les and his crew of locals had the gruesome task of clearing the upstream sections of the river of bodies before any raw water could be used.

My tasks included the building of small water systems for relocation camps and small communities that had been set up around the province. These systems were also kitset systems provided by Oxfam International and included pipes, storage tanks, pumps, disinfection systems (chlorination) and distribution systems. I also took care of Military liaison and air



Constructing water tanks Below The finished product



movement coordination for the Oxfam effort.

Whilst in the country, we all worked 15-18 hour days, 7 days a week to help the survivors. We all knew every hour mattered with the high risk of disease spreading through the relocation camps and small communities. Water, thankfully, had been ranked close to the top of priorities for the emergency response.

WIOA EO, George Wall (GW) asked Dave Neru (DN) some more personal questions relating to the experience in Aceh. Dave's very frank responses are contained below.

GW:- Was it hard to leave NZ? What emotions did leaving stir up?

DN :- Was it ever! It was the holiday season and I and the family were just starting our planned holiday. I was notified at 7.26pm and on a plane the next morning at 11am. After the phone call with orders to move, my wife did not talk to me until last thing at the airport. She has told me since then that she was thinking 'Why, is it always Dave that has to run off and help others!' She finally came to the realisation that it's in my nature, but she was still concerned about her hubby entering a war zone. The last thing she asked me was to promise to come back. I promised and we both broke down.

GW: - What was it like personally to work in these conditions?

DN: - The conditions were hard and rough. Not only were we working in a disaster area on a scale that had not been seen before, but it was in a war zone where tensions were high. On top of this we experienced on average 4 after shocks per day, which kept everyone on edge. We ate when we could and slept wherever we could.

GW: - How hard was it to find materials and tools to use and problems like no power etc ?

DN:- In the beginning it was very hard to find materials and tools to use and we had to beg and borrow what we could. Once Oxfam's material started coming in, the challenge then was to get it out of central locations and into the field. Power was not too much of a problem once we got some generators.

GW:- What about when you had to leave Aceh to go home. What was that like, was it hard to leave or were you glad to get away?

DN:- We worked 15-18 days, 7 days a week. We were exhausted, both mentally and physically and when it came time to head home... a sense of relief; I suppose was the first thing I felt. I was looking forward to holding my wife and children in my arms, in fact I organised my wife to fly to Auckland so that her face was the first person I would see when I landed back in NZ. However, I was saddened to leave projects not completed and the friends that we had made. The people of Aceh, through this terrible time, loss and event, showed us humility and courage that we had never witnessed before. Some had lost everything including their whole families and yet after mourning they just wanted to carry on with life... as best as they can - these people will always have a special place in my heart.

GW:- What effect did the whole thing have on you both (I know Les gets very emotional when he talks about his experiences)

DN:- The experience has certainly affected Les and I, we have both came back different people. I do look at life a bit differently now and appreciate what we have here in New Zealand just that little more. I do look at coast lines differently and often reflect on the experience and what it would be like for us, if it happened here. Both Les and I are proud of what we did and we took a lot from the experience.

GW:- Would you do it again if there was another similar emergency?

DN:- In a heart beat! There is no greater reward than helping others.

GW:- Should we be doing something to set up a group of Operators able to do this work?

DN:- Yes. We should be setting up a core of operations people both in NZ and Australia. These people would need to be trained in this type of working environment and training is available through some Non Government Organizations (NGO's) for example RedR. Relationships with NGO's (Oxfam, WaterAid etc) need to be fostered and maintained with mutual understandings of support.

GW:- What did you feel in winning the NZ award and being voted joint NZ Operator of the Year with Les?

DN:- We are both proud and honored to be acknowledged for our efforts in Aceh and it adds to the acknowledgement of smiles from the people in Aceh we helped.

GW:- You mentioned somewhere else you were looking for closure – any comments on this ?

DN:- Closure for us is to see that the efforts we made in the relief stage of the disaster have transferred through to the reconstruction effort. There are a number of projects that were started by us and not completed before we left. We would like to follow up on physical progress.

The biggest part for me though is to see how the Aceh people we helped have moved on. To see if things have got better for them and what they have planned for the future and what continued assistance will be needed.

It has been over a year since we were seconded to Oxfam NZ (ONZ) and sent to Aceh Province. Les and I are planning to return to Aceh in March 2006 to see first hand the progress made since our departure. We want to re-visit the projects that we were both involved with (and in most cases started) in the relief stage of the emergency and identify the progress from relief to reconstruction. Local communities and friends made will also be visited to follow up on progress and more importantly to show the human faces that we still care.

To assist us in our return visit to Aceh, donations can be made to Oxfam NZ by phoning Prue Smith on (0064) 9 355 6500 or [email prue@oxfam.org.nz](mailto:prue@oxfam.org.nz). Donations will need to be marked 'Relief Aceh' and any surplus monies will be transferred to the Water for Survival Programme. Visit Oxfam's website www.oxfam.org.nz.

2005 Vic Operator of the Year

Simon McCracken, a Wurdee Boluc water treatment technologist at Barwon Water, has won the prestigious Operator of the Year Award by the Victorian branch of the AWA.

The award, named in honor of former Barwon Water Chairman Wal Whiteside, is presented to operators of water or sewage treatment facilities across Victoria to recognize exemplary performance, initiative and attention to detail.

Although it came as a surprise to Simon when his name was called out he said it was "very pleasing to get it."

A Barwon Water employee for eight years, Simon has been responsible for implementing a number of improvement

projects at the Wurdee Boluc water treatment plant including improving the efficiency of the filtration process and optimization of the filter backwash.

He has also assisted in the design of a new disinfection system and is committed to continuous improvements to water quality and best practice in occupational health and safety.

Simon is the 26th recipient of the award, presented annually since its inauguration in 1980.



Chris Povey () presenting the Vic Operator of the Year plaque to Simon McCracken

Environmental Group Limited acquires operations in Wodonga, (Vic) and Redcliffe, (Qld).

The Environmental Group Limited (EGL) has announced the completion of its acquisition of Anglian Water Pty Ltd (Anglian Water) which includes the operations for the West Wodonga and Redcliffe wastewater treatment plants.

The West Wodonga Wastewater Treatment Plant services approximately 130,000 ep. The plant is state-of-the-art since the upgrade completed in 2003. Redcliffe is a north eastern seaside suburb of Brisbane, approximately 27km north from the Brisbane CBD. The Redcliffe Wastewater Treatment Plant services approximately 70,000 ep.

In addition, EGL has an operating contract for Centennial Coal at Lithgow and the soon to commence operating contract for Bluescope Steel at Port Kembla.

With the changes to the ownership, the staffing has changed a little at both plants. Peter Tolsher is the Plant Operations Manager in charge of all operations, Chris Keith the Senior Plant Operator and Adrian Rijnbeek the plant operator at Wodonga.

At the Redcliffe plant, Peter Reberger is the Plant Manager, Charlie Suggate the Senior Plant Operator and Ben Attwater the Plant Operator.

EGL is an environmental company which has three divisions, Engineered Solutions (which include water and gas cleaning), Environmental Services (which includes the Operations Group) and Products and Systems (which includes Pressure Sewer). The head office is in Sydney with a branch in Melbourne and EGL has approximately 40 full time employees.

EGL is interested in expanding its operational division and intends to pursue additional management contracts when they become available in the future. EGL is confident that it has the necessary experience and capabilities to fulfill all operational and contract requirements.



Other Water Industry Organisations - Profile of the IWA

The Institute of Water Administration (IWA) is a Victorian based organisation approaching its 40th anniversary. The Institute has both individual and corporate membership drawn from metropolitan and regional water authorities and associated professional service firms, and its activities are targeted at Board members, senior executives and administrators. The IWA's primary objective is advancing the standards of management and administration within the water sector and making an active contribution to the future directions of the industry.

The IWA, in conjunction with the Victorian Branch of the AWA, jointly convene three seminars annually which focus on issues relevant to the water sector and executives that operate within the industry. These sessions cover a selection of management, regulatory, governance, environmental, financial and technical topics. The IWA also has a number of Special Interest Groups, including Finance, Technical Services, Customer Service, and Information Systems that meet in conjunction with the seminars. These groups provide an excellent network for officers undertaking similar roles and with shared challenges across the state.

In recognising the importance of skilled operational staff, the IWA approached WIOA in 2005 with an offer to develop an annual award. The aim of the prize is to encourage and foster the development of a staff member employed in the operational area of the water industry. At the Victorian Engineers and Operators conference in Bendigo in September 2005, the inaugural IWA Prize was presented to Jarrah Feather from East Gippsland Water. The Prize allowed Jarrah to attend the NZWWA conference in September in Auckland, and Jarrah impressed many within the water industry when he presented the findings of his project to an IWA conference in November 2005.

Although the selection criteria for future Prizes is currently under review, the IWA is committed to continuing the award for many years to come.

Peter Quinn – IWA Secretary

THE LIGHTER SIDE



A wish for all those difficult people in your life

Water Treatment Practical Guides

As advised in the December 2005 edition of "Words", the WIOA Committee has committed to assisting Peter Mosse to develop, publish and distribute some generic "Water Treatment Practical Guides" for operators in the potable water field.



The following four Guides and a brief outline of the proposed content of each includes:

Catchment and Recharge Area Management – including an intro and chapters on critical control points, risk assessments, risk management, and a broad description of catchment control points.

Coagulation, Flocculation and Primary Solids Removal – including an intro and chapters on control points, chemical quality control, coagulants and their characteristics, polymers, testing coagulants, primary solids removal, clarifier operation, sedimentation tank operation and DAF operation.

Filter Operations - an intro and chapters on filtration control points, importance of filtration, filter operation, monitoring filter function, special cleaning, maintenance, filter media and rebuilding filters.

Disinfection and Distribution – including an intro and chapters on disinfection and distribution control points, disinfection and disinfectants, distribution system monitoring, lab testing and interpreting data, biofilm control, pressure management, backflow prevention, practical use of hydraulic modelling, information for customers, management of old and new pipes including repairs and maintenance and tastes odours and dirty water.

Much of the material to be included follows on from some of the very interesting and successful seminars that WIOA has staged in the last couple of years. WIOA will also consider the opportunity to run a series of workshops to coincide with the launch of each Guide as it is completed and published. Keep your eye out for them in the near future.

In relation to funding this initiative, WIOA is currently discussing this proposal with AWA and a number of other organisations to make sure the Guides can be endorsed and distributed

PONDERISMS

I used to eat a lot of natural foods until I learned that most people die of natural causes.

Gardening Rule: When weeding, the best way to make sure you are removing a weed and not a valuable plant is to pull on it. If it comes out of the ground easily, it is a valuable plant.

The easiest way to find something lost around the house is to buy a replacement.

There are two kinds of pedestrians: the quick and the dead.

Life is sexually transmitted.

NEXT EDITION

**Article Contribution Deadline
For the May 2006 Edition
7th April, 2006**



North East - North East Water,
Goulburn Valley Water, Coliban Water and Mt. Buller Resort
Management Board

Peter Tolsher - PH 02 6059 3726 fax 02 60591569,
mobile 0419 337 151, email: ptolsher@iprimus.com.au

South East - East Gippsland Water, Gippsland Water,
South Gippsland Water and Western Port Water

Russell Mack - Ph 5177 4659, fax 5177 4690,
mobile 0427 331 586, email: MackR@gippswater.com.au

South West - Wannon Water,

Anthony Evans- Ph 5562 9275, fax 5562 9262,
mobile 0419 103 885, email: anthyewrwa@swwa.com.au

North West - Central Highlands Water, Grampians Water
and Lower Murray Water

George Wall - Ph 03 5821 6744, fax 03 5821 6033
mobile 0407 846 001, email: operator@wioa.org.au

Central - Barwon Water, Western Water and Metropolitan
Water Companies

Graham Thomson - ph 5226 9109, fax 5226 9140,
mobile 0408 993 756,
email: graham.thomson@barwonwater.vic.gov.au

Outside Victoria and International

George Wall - Ph 03 5821 6744, fax 03 5821 6033
mobile 0407 846 001, email: operator@wioa.org.au

Private Industry

Cynthia Lim - Ph 9553 4555, fax 9553 4577, mobile 0409 403 237
email: Cynthia.Lim@fluids.ittind.com

Articles can be forwarded to area contacts or directly to
The Editor email: graham.thomson@barwonwater.vic.gov.au

New Members

Welcome to the following people and companies who have recently joined our Association as a Member or Corporate Supporter.

New individual Members include Yvonne Sinanovic, Nick McKinley, Jason Shaw, Mark Ramage, Ainsley Rosser, Angela Davies, Shane Duncan, Ian Nielsen, Mark Windsor, Joe Galea, Kelvin Growcott, Michael Long, Michael McShane, David Glenn, Stephen Fisher, Lloyd Wilson, Ian Smith, Ashley Elliott.

New Corporate Supporters include Hatlar, Roto Pumps, Haulton Construction Services, Enviroaer Systems, Melbourne Water, Integra Water Treatment Solutions.

WANTED

Any articles, news snippets,
information on improved work practices, etc as contributions to your
magazine



The WIOA gratefully acknowledges the support provided by
Barwon Water in producing 'Operator'



Vic Conference Competition Round Up

We had another successful conference competition that was well supported by over 20 teams. We would like to thank the exhibitors who accepted the challenge and got involved in the competition and must mention and thank Omega Chemicals for their valued support in sponsoring the first prize. Congratulations to the winning team of Alan Slocombe, Dale Rogers and Tim Vos. A close second were the team of Ainsly Rosser, Charlie Suggate and Ben Attwater who won a show bag full of prizes sponsored by Mono Pumps.

Also we extend our thanks to the other prize sponsors who were "US" Utility Services with a show bag of goodies, Parchem with an esky of goodies, Bushman Tanks with a slab of beer and Ultraviolet Technology of Australia with bottles of wine.

The competition will be on again at the next conference so get your teams ready and make sure you have a chance to win one of the many great prizes on offer.

Peter Tolsher - Competition organiser.

WIOA 2005 OFFICE BEARERS & COMMITTEE

President

Cynthia Lim
Phone (03) 9553 4555
Mobile 0409 403 237

Executive Officer

George Wall
Phone (03) 5821 6744
Mobile 0407 846 001

Vice President

Peter Tolsher
Phone (02) 60591569
Mobile 0419 337 151

Committee

Barry Waddell
Phone (03) 5152 4221
Mobile 0419 878 085

Mark McNeil
Phone (03) 55510418
Mobile 0408 356 459

John Harris
Phone (03) 5562 9275
Mobile 0417 338 688

Graham Thomson
Phone (03) 5226 9109
Mobile 0408 993 756

Stephen Wilson
Phone (03) 5244 0800

Raymond Stephenson
Phone (03) 5320 3209
Mobile 0418 508 107

Russell Mack
Phone (03) 5177 4659
Mobile 0427 331 586

Anthony Evans
Phone (03) 5562 9275
Mobile 0419 103 885

**All correspondence should be addressed to:
Executive Officer
64 Brauman Street,
SHEPPARTON, VIC. 3630**

**Website: www.wioa.org.au
Email: george@wioa.org.au**

Disclaimer

The WIOA assumes no responsibility for opinions or statements of facts expressed by contributors or advertisers. All material in 'Operator' is copyright and should not be reproduced wholly or in part without the written permission of the Editor or Executive Officer