



OPERATOR

May 2007 Edition

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Is this the Tabernacle Choir?? - Not likely - Find out who they are and what they are doing on Page 5



What's so funny guys?? – Check out the photo of Kenny Graham on Page 4



Why is Stephen drinking wine blindfolded? Learn more on Page 5

From the CEO's Desk

Following our AGM in April, we welcome our newly elected President, Peter Tolsher from EGL Operations and also congratulate our first ever Board Chairman in Ron Bergmeier. Having such astute and committed people at the helm will guarantee the continued development of the Association for many years to come.

There has been a lot happening since the last edition of Operator was published in February and it's timely to keep members up to speed with developments.

We have completed our Strategic Plan and this now provides a well documented blue print outlining what we intend to achieve in the next 5 years. Although some of the tasks may appear a bit ambitious, the Committee and WIOA staff will be putting in our best effort to achieve them all. Our thanks are extended to Mike Rankin and all the Members who contributed to the development of the plan.

The Weekend Seminar and AGM at the Hume Weir Resort in Albury was heaps of fun as usual, and there were some fabulous presentations this year. A report on the event appears on Page 5 along with some information on the newest batch of "IDIOTS".

WIOA was a sponsor at the Central Highlands Water, Water Aid golf day in Ballarat in March. It's true to say that I love my game of golf and being a single figure handicapper, I take it pretty seriously. I managed to rub it in with quite a few members when our team won the WIOA golf day in Kilmore late last year. What goes around comes around I suppose, and I've been copping heaps lately given that the WIOA team came stone motherless last in Ballarat. My competitive streak probably becomes more evident when I say "at least we won a prize at both events".

In late March I attended the Victorian Storage Operators Group meeting at Torrumbarry Weir on the mighty Murray River, just west of Echuca. Even though I'm a born and bred northern Victorian, I'd never taken the opportunity to check out the weir. I must say it is a very impressive piece of work and Terry, Darren and Allen did a great job showing us around with a real nuts and bolts tour. There is a visitor centre at the weir and it is well worth calling in for a look if you are ever passing that way. The most impressive part of the tour was to see the loch in operation and the steam winch system which was used to pull the old weir trestles in and out.

As an avid fisherman, I was intrigued by the fish ladder and the fish trap. Keep an eye out in the June edition of WaterWorks for a story by Terry Holt about the weir and the fish ladder. We thank Darren for the report on the meeting (see page 6) but must admit I can't recall everything happening exactly as Darren has reported it. You know the old adage - No good letting the truth get in the way of a good story!

WIOA in conjunction with our Technical Advisor Peter Mosse, have met with representatives of numerous organisations recently to discuss the potential for, and possible benefits of, implementing treatment plant rating systems similar to the US, Canada and New Zealand. We've also been looking at ways to increase the level of skills and competence of operators and have raised the prospect of tightening the training requirements for operators through implementation of a Registration/Licensing system. We'll keep members posted on any outcomes from these discussions and if nothing else, we were pleased that our concerns are being tabled at a variety of forums around the country.

In April we successfully staged our second and Queensland's 32nd Water Industry Workshop in Rockhampton. Some members may not be aware that about 7 weeks before the event we were forced to change venue due

to the University stadium being shut down as a result of structural damage to the floor from a previous event. The relocation was a major logistical challenge for us and increased the stress levels somewhat.

Although a full report on the Workshop and all the prize winners appears later in this newsletter, I want to pass on our thanks to all the helpers from both Qld and elsewhere who assisted us to run this event. We are also extremely grateful to the Rockhampton City Council and Fitzroy River Water, who were an enormous help in locating the alternative venue and assisting us to get all the new arrangements completed on time to allow the event to go ahead.

After a lengthy but unavoidable delay, I am pleased to report that the second in our series of four Practical Guide books – "Practical Guide to the Operation and Optimisation of Water Distribution Systems" is all but complete and is due for release to the water industry later in May. As with the Filters Optimisation book, it will be on sale for \$30 (+ GST).

The final item to report on is the planning for the Inaugural WIOA NSW Water Industry Engineers and Operators Conference to be held in Dubbo from 17-19 July 2007. We have had a staggering response to the Trade Exhibition with all 62 available sites allocated to exhibitors in less than 2 weeks. We now have 15 more companies on the waiting list. We are currently reviewing our options to see if we can fit them in somehow but this may not be possible. The most important thing now is for all Members to lobby your respective employers to make sure they send representatives to the event and return the faith that the exhibitors have shown in us.

I'd like to close off by challenging all members to be more proactive in helping YOUR Association grow by promoting the benefits of membership to your peers and workmates. There are plenty of members out there who have not yet participated in any of WIOA's events, so please make some time to join your water industry colleagues and participate. We're sure you'll get a lot out of it.

Until next time,

George Wall
WIOA CEO

The Lighter Side



"It pays not to upset someone who owns an excavator"

Profile of a Member

Name. Russell Mack
Position. Water Treatment Technologist
Employer & Location. Gippsland Water, Traralgon Victoria

How long have you been a member of WIOA?
12+ years

How long have you worked in the Water Industry and where?
Approx 22 years started with Shire of Narracan which became part of Gippsland Water

What fields of the water industry have you worked in?
Water and sewerage retic maintenance, Water Treatment, Wastewater Treatment, OH&S Compliance/Auditing, Water Treatment Technology.

How did you get into your current role?
Evolved from my past experience

What does your current job involve?
Providing technical support for Water Treatment Technicians (operators), optimisation of treatment processes, management of major maintenance and capital works projects.

What have been some of the big changes in recent years?
The growing recognition of the importance of operations personnel in the water industry and the significant role they play.

What do you think you will be doing in 5 years time?
More of what I'm doing now. Working, travelling, and fishing

Ok, a few quick questions to finish with.

Age. 46
Nickname. Rusty, snozza, Ars...le
Family Status. Married for 25 years, 1 great wife (Heather), 1 married daughter(Hollie & Son-inlaw Ben), 1 son at home (Fabian)
Pets. Dog, 2 Cats, Goat, Cockatoo, 8 chooks and 6 Gold fish.
Favourite Food. Anything except below
Least Fav Food. Peanut Butter
Favorite TV Show. Before the game
Worst TV Show. Bold and Beautiful
Favourite Movie. The Green Mile
Current C.D in stereo. Roy Orbison
Ambition in Life. To live a long and happy life with my family.
Hobbies. Land Speed Racing, fishing, socialising with friends.
Best Trait. Ask my wife.
Worst Trait. Ask my Wife
Favourite Book. The Herald Sun (fiction?).
Four People to invite to a BBQ. Besides my family and friends, Glenn Archer, Andrew Symonds, Robin Williams, Jimmy Barnes
Most memorable moments. My wife Heather giving birth to my kids, & sitting on the bank of the Connecticut River (USA) fishing.



Russell Mack - In full flight as MC at the Qld Workshop

Training at CAMS

A partnership was founded in January 2005 between Campaspe Asset Management Services(CAMS), the University of Ballarat and CVGT in a joint effort to undertake the Water Industry Training Package NWP 01.

A total of 34 Trainees successfully participated in the Training Package covering the business functions of Headworks & Catchments; Water Treatment; Water Distribution; Wastewater Collection; Wastewater Treatment and Stock & Domestic Supply

All training and assessing was undertaken at CAMS sites allowing for the day to day operation of the business to run with minimal interruption and this approach also allowed for training and assessing to be based around CAMS actual operational activities.

Ann Lansberry CEO of CAMS said, "As much of the training was conducted onsite it has increased the relevance and currency of the training whilst reducing the travel and cost barriers that is sometimes experienced".

Ms Lansberry also said "Our learning and development strategy is firmly entrenched and we have strong evidence of the successes each employee can and have achieved. With this in mind, following the success of this learning partnership CAMS have enrolled a further 14 staff in the program in May 2006".

A certificate presentation ceremony was conducted at the Strathfieldsaye Sports Centre with CEO Ann Lansberry presenting each staff member with their certificate.



"Russ Phillips and Ronald Young receiving their awards from CAMS CEO Ann Lansberry."

Queensland Workshop Report

The 2007 WIOA Water Industry Operations Workshop was held in Rockhampton on 18th & 19th April with 175 registered delegates and well over 100 day visitors in attendance. All up there were representatives from 64 separate Councils or Water Businesses present as delegates as well as many others from private enterprise.

The trade exhibition was the largest ever for a Qld Workshop with 77 companies displaying their products and services from the 87 booths. We would like to thank all companies involved for the time and effort put in to making the exhibition so impressive.

The technical paper sessions were better attended than normal probably due to the air conditioning in the papers room which was considerably cooler than the exhibition hall. The papers presented were of an excellent standard and many speakers issued challenges to us all to consider the implementation of a new or improved system to enhance our operational efficiency.



"Delegates listening to the papers"

Congratulations to all the people awarded prizes at the Workshop including:

1st - Actizyme Prize for best Operator Paper – Keith Nicholle from Bundaberg CC and Graham Campbell from Camreay Holdings who spoke about the beneficial use of biosolids in agriculture. Keith and Graham will be presenting this paper again at the Victorian conference in September.

2nd - Actizyme Prize – Marcus Boyd from Toowoomba City Council.

3rd - Actizyme Prize – William Smith from Logan City Council.



"Winners of the Actizyme Prize Graham Campbell (L), and Keith Nicholle (r) presented their plaque by Bob Smith from Southern Cross Laboratories"

The winner of the **WITA Prize** for the "Best Paper Overall" was Peta Thiel from Research Laboratory Services.

Unfortunately, we didn't receive any poster papers from Operators this year so this award was put on hold temporarily.

After only just making it to the venue on time courtesy of some lengthy delays in Brisbane thanks to a blue coloured airline, AWA Qld Branch President Rob Drury announced that the **AWA, Leon Henry Memorial, Qld Operator of the Year Award** was awarded to **Paul Jensen** from **Maroochy Water Services**. Unfortunately, Paul was away on long service leave and wasn't present to accept his award. For his efforts, Paul wins a one year membership of AWA, and an all expenses paid trip to the Enviro convention in Melbourne in March next year.

The **WIOA Prize for the Best Trade Display** was jointly won by ADS Environmental Services and KRE Engineering.

Congratulations to all the winners of the Trade Competition, thanks to ITT Flygt for being the major sponsor of the Competition, thanks to Tolsh for organising it and thanks to all the companies who donated products to go into the other prize packs.



"Some of the winners of the Trade Competition with their goodies"

The entertainment at the two dinners was great. Kenny Graham had everyone in stitches on the Wednesday night with his drunken antics and the surprising thing was that most males in the audience related almost 100% to everything he said – funny that!

"Kenny Graham in full flight – he's what everyone was laughing at!!"



Paul Martel was more subtle in his approach and delivered some classic Irish humour and managed to mix a rather intricate story through the act. He was also the master of the voice impersonations and how he could remember some of the things he came out with is beyond me. His 45 minutes on stage was over in a flash.

A big thank you from WIOA to all the sponsors of the event including our Host and Major Sponsor in Fitzroy River Water, Ron and Ashley from Bergmeier Engineering, Department of Water Resources Qld, AWA, Transpacific Industries Group, KSB Australia, WME Media, Merck, Ciba Specialty Chemicals, Aildos Grundfos Dosing and Disinfection, Rad-Tel Systems, Peerless Industrial Systems, Centre for Groundwater Studies, DMI Australia, ITT Flygt, Actizyme, WITA and Environmental and Process Technologies.

Overall the Workshop was a huge success and we look forward to 2008 being even bigger and better.

Weekend Seminar / AGM 2007

For those of you that don't know, I am a "Rookie" (as Cynthia likes to refer to me) or "Virgin" (to the less tactful!) member of the WIOA committee. Most of you will know me as "Carbon girl" (I am thinking of getting a cape) and working for Activated Carbon Technologies. I also have an alter ego as a specialist carbon consultant providing testing services to the water industry... but before I bore you with my blatant self promotion let me get on with my job!

The weekend seminar and AGM in Albury was great! I hadn't been before and I recommend it thoroughly. Lake Hume Resort was a great venue with recreation facilities and great accommodation (I couldn't hear any snoring or revelry despite rumours that it was going on all around me!).

I arrived around Saturday lunchtime and after lunch we launched into the AGM. I have to confess that until I was nominated as a committee member I hadn't read the WIOA Annual Report... A big mistake!! The AGM and Annual Report reflected the professionalism and amazing success story that is WIOA today. As a scientist I like to look at the pictures and the graph showing increases in memberships over time is astounding. A big congratulations to all the committee, particularly George and our executive.

We also got a chance to see the new career videos on water treatment operators, wastewater treatment operators and water quality technicians. Very impressive and these will be provided to high schools and training institutions to encourage people to pursue careers within the water industry.

Next was a presentation by Nick and Garry from Grundfos explaining their new booster pump controllers, followed by show and tell. Everyone loves to see how things work and we appreciated the opportunity to have a hands-on demo.

Anthony Evans explained the Kwatye prize and encouraged all to participate. It is a fantastic opportunity to get funding to investigate things that interest you about the water industry. Anthony is looking at leak detection, Eddy went overseas to look at membrane filtration in 2006... the sky is the limit!! Don't be shy... APPLY!!

We then had a presentation from Geoff Beechey from Rotork... Geoff gave us an informative presentation on the company and its actuators. He then sneakily gave us a quiz at the end to make sure we were listening and chucked out gratuitous gifts!! Afterwards we got the opportunity to play with the actuators.

After sitting patiently all day, a walk along the Hume Weir wall was just what we all needed. It was originally planned to have a presentation and tour of the weir by people from State Water but a mix up with dates left us with no guides and George a bit red faced. Fortunately, Neil Healey jumped in at this point to tell us a bit about the Operator tour to NZ – sounded like heaps of fun. As fate would have it, Damian Abbott from SMEC was in the audience. He did a lot of the engineering work on the weir upgrade and was able to give us all the inside information regarding the weir improvements including wall reinforcements... an amazing feat of engineering and we appreciate his impromptu assistance.

At the seminar dinner we had the announcement of the new IDIOTS (don't ask me to remember what that stands for!) and we "welcomed" the first timers to the weekend seminar in a very novel manner. (see the choir photo on the front cover)

On Sunday we started with a quiz from Owen and Tony from Grundfos Allidos (very unkind). One of the questions asked us to name two monotremes... hmmm... not sure if Cynthia's Team's answer of Owen and Tony was correct but it was very amusing!!

We then had fun stuff... a presentation from Peter Tolsher and his visit to ITT Flygt Sweden (tough life) and an lol account of the Cystic Fibrosis car rally adventure (complete with live camera action) by Craig Heiner.

After morning tea we had a presentation from North East Water's Jason Mullins on Drought Management and another presentation from Derek De Waal from Liquitek on their new SBR system.

After lunch the weekend seminar concluded and we all made our way home. Overall it was a fantastic weekend and I recommend it to all our members.

Peta Thiel

Research Laboratory Services

Induction of More IDIOTS

In keeping with tradition, we inducted some more well known WIOA identities into the fold of IDIOTS at the Weekend Seminar / AGM.

This award is designed to recognise the contribution of members and is only surpassed by the Association's top award of Life Membership. This year three members were inducted – Stephen Wilson, Cynthia Lim & Peter Jackson with the recipients from 2006 looking after the challenges for the new inductees.

Stephen Wilson has been a great ambassador for WIOA through his role at the WITC and we know many of the current Members would probably have been influenced to join by Steve. It is well known that Steve doesn't mind a drop of good vino and to test his palate and knowledge, he was blindfolded and asked to identify a the colour, variety and State of origin of a number of wines. Surprisingly, he managed to get a few right but given that he got some horribly wrong as well, was enough for him to be declared a true member of the IDIOTS fold.

Cynthia Lim needs no introduction to most members and has crammed more effort into WIOA since she joined in 2000 than most others would contribute in a lifetime. She was heard to mutter at the time the award was announced that she isn't an "old" fart and inducting her has mucked up the integrity of the award – we don't agree. For her challenge, Pat Davis pulled out a test kit that Cynthia used to sell in a life prior to "pumps" and made her give us a demo on how to use it. Of course it was difficult to get a result if you couldn't remove the lid first – products have changed...!!

Last but not least was Peter Jackson. There is barely a WIOA event that goes by without Jacko being present and contributing. He has supplied articles to the newsletter, and is always willing to help out whenever possible. Jacko is a self confessed fishing nut and couldn't wait to fill us in on his latest adventure to the NT chasing the elusive barra. We thought we'd test out how well he could actually cast a lure and set some pretty small targets. In the end we opted for a 50 litre tub and a challenge to get the lure somewhere within 10m or so. Either Jacko's coordination was a bit off (probably due to it being dark outside), or all the fish he has caught recently have been dead set unlucky.

All three inductees epitomise what the Association is all about with each contributing in their own different ways. Congratulations!!!



Victorian Storage Operators Reference Group (VSORG)

Meeting No 9 was hosted by Goulburn-Murray Water/Murray Headworks at Torrumbarry Weir on the Mighty Murray near Echuca in Northern Victoria. A dozen or so members from other storages around the State attended. Most turned up the night before and had a very enjoyable evening in Echuca, arriving at Torrumbarry Weir next morning.

Usually we have our meeting first then do a tour of the site but due to impending rain (What's that?) we decided to do the tour first and then have the meeting.

During the tour everyone was informed about the Fish Ladder, the new weir and its construction and also the old weir on how it operated and how it failed. The old steam winch and boiler that is still in operating order was one of the highlights of the tour as well as the big nest of paper wasps.



"Raising the fish trap at the end of the ladder"

After the tour we returned to the office for a lunch of roast wallaby, crispy grilled Murray cod and Yellow belly fillets with lots of camp oven roast spuds, followed by big bowls of Wild wattle cherries with ice cream and native bee honey pudding. The meeting then followed while we raffled the left overs.

Andrew McPherson (from Lauriston Reservoir) chaired the meeting whilst George Wall madly scribbled down notes – he seems good at that.

On the agenda was a discussion about housing requirements for operators living on storages and a second draft related to occupied housing standards was presented to the group for comment

There were a number of presentations including:

- John Cameron (Southern Rural Water) presented a great insight to what happened during the bush firestorm that raged through the township of Toongabbie & Cowwarr Weir. We had a slide show of the aftermath while John explained how it all unfolded and how dangerous firestorms can be regardless how well prepared you think you are. It was very interesting to hear of SRW's training, risk assessment programs and emergency protocols before and after the firestorms.
- Andrew McPherson then did a presentation on a water saving product to try and slow down evaporation in the Lauriston storage. The product works by forming an invisible film on the water surface and is claimed to stop evaporation by 30-50%. With the drought the way it is and this product does live up to expectations it could be a very important part of water industries in the future.

- Andrew Edmiston (Barwon Water) had a presentation on a pipe failure in the Ottway Ranges supplying the town of Colac. The slideshow and Andrew's commentary showed how difficult the repair work was with a very short timeframe and in a steep and almost impenetrable bush. It is great to see how in these hard conditions workers and OH&S reps can work together to get the job done.
- George Wall showed us WIOA's new promotional videos to entice school kids and other young people to pursue a career in the different water industries throughout Australia. The videos promote everything from apprenticeships in sewage treatment plants to water distribution in Northern Queensland.

The above presentations are indicative of our group endeavours to pass on information and experiences as related to all participating water authorities.

For my self it is very enjoyable to be able to meet people from other storages and water authorities throughout the State, talking to them about their work, listening to their ideas on different issues and problems they face with the current drought.

The meeting finished once the strippers left and we all got to keep a piece of their costumes. We are all looking forward to the next meeting at Lake Glenmaggie on the 20th of June.

Darren Champion
Senior Reservoir Officer
Torrumbarry Weir

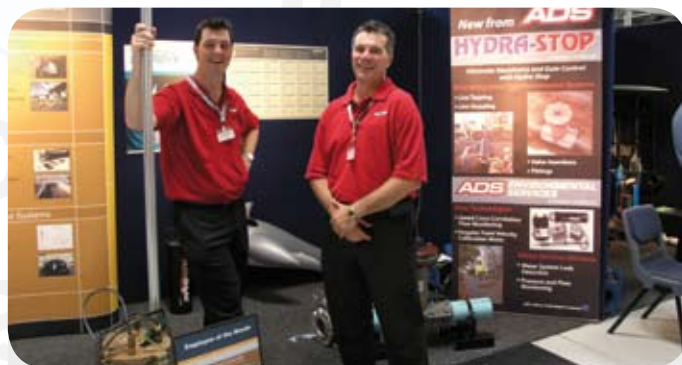
Best Exhibition Award – Qld 2007

An integral part of all WIOA conferences is the Trade Exhibition. We really appreciate the effort that all the companies put into displaying their products and services and we recognise that it can be quite expensive to send all the equipment and staff members to events such as ours.

Each year we appoint some judges who look over all the displays and then vote for what they think are the best sites based on the following criteria:

- Engagement with delegates
- Enthusiasm shown by the exhibitors
- Aesthetics and feel of the display
- Efforts that had gone into displaying the products & services

The standard was very high this year and the judges nominated the following companies for a special mention – ITT Flygt, B2P, Acromet and Process Control Services. In the end, the judges could not separate the KRE Engineering and ADS Environmental Services sites and decided to award joint winners. Both companies receive a complimentary 12 month Corporate Membership to WIOA valued at \$165 each. Our congratulations are extended to the winners in Peter and Mick and we would like to sincerely thank all the other exhibitors for their efforts.



"Peter and Andy from ADS Environmental"

Tolsh on tour

In late 2006 I received a phone call from Gabe Vigna of ITT Flygt asking if I was interested to attend a workshop. I said, '...that would be fine. Where in Sydney is the workshop?' He replied, '...it's not in Australia it's in Sweden!' So my natural response was '...when do we leave?'

The trip was to get a customers perspective on a business development plan. The workshop was for three days in Stockholm at the international head office of ITT Flygt and then a tour of their manufacturing plant in Lindas. The trip started with a flight from Albury to Sydney, then to London where we stopped over (for the weekend) two nights/three days of sightseeing and the tourist thing, which was really hard to take! After adapting to the size of pints, the three days went well. Then it was off to Stockholm for the workshop.

On arrival in Stockholm the air had a slight chill in it, the temperature was around -1 degrees and snow was falling; a bit different to the temperature I was used to back in Australia. The Flygt head office was a very impressive building, reminding me of an Australian department store. The internal escalator was a glass one with a 360 degree outlook when we used it. The workshop had people from all over the world so I have now made some new friends from the UK, Spain, Italy, America, Netherlands, Poland, China, Hong Kong and of course Sweden. After the three day workshop it was off to Lindas to have a tour of the largest manufacturing plant Flygt operate.

The manufacturing plant is situated in Lindas, a small country town in the southern region of Sweden. The plant is located on a 400 hectares site and the factory has a roof area of about 60,000 square metres. It also has the Lyckeby River that runs through it which, in the early days they used to generate power to run the plant. The Company was first started in 1901 by Peter Stenberg with about 10 employees and has grown to about 4,200 employees in 130 countries with a US\$900 million turnover.

This part of the tour started at the foundry, the first step in making the pumps, where they melt the metals to use in the moulds and manufacture pump casings. The moulds are also manufactured on site. On the R&D side, engineers can design a new idea on a pump impeller or case, then make a prototype through laser sintering of sand directly from an auto cad drawing and test their idea within 48 hours. To me, this was mind blowing.

We then went to the electric motor workshop where we watched as they built motors. The larger motors were built by robotics which was very impressive and the smaller motors were hand-made by their local workers. All of the pumps were spray painted by robotics as well. After the pumps have been assembled they go through a check and are then stored in one of their many distribution centres ready for shipping.

After a week in the UK and Sweden it was time to head home and after 30 hours of flying time and a total time of 44 hours, I was back in Wodonga a little worse for wear but better for the experience.

So now when I order a pump, I can think about where it started and the process it has been through to finally be able to pump our liquids.

I should take this opportunity to thank ITT Flygt for the experience. I would never have expected such a thing to happen to me and I am truly grateful. To other operators out there, you never know, your turn may come round one day too.

Peter Tolsher
EGL Operations and WIOA President

"Tolsh at the Flygt Factory"



"Gabe and Stefan in Sweden"

Quotable Quotes

Have no fear of perfection - you'll never reach it.

Salvador Dali

Pay no attention to what the critics say... Remember, a statue has never been set up in honour of a critic!

Jean Sibelius

It's kind of fun to do the impossible.

Walt Disney

It is better to deserve honours and not have them, than to have them and not deserve them.

Mark Twain

If at first an idea isn't totally absurd, there's no hope for it.

Albert Einstein

We judge ourselves by what we feel capable of doing, while others judge us by what we have already done.

Henry Longfellow

Old Awards (continued)



"Joint Winner of Best Exhibit – KRE Engineering"

Torrumbarry Weir on the Murray

The original Torrumbarry weir was constructed between 1919 and 1924 and was of a trestle type designed by John Stewart Detheridge who also designed the Detheridge water wheel. It operated successfully until March 27th 1992 when it failed due to a classic piping failure of the foundations. Until then Torrumbarry was one of two types of trestle weirs in Australia the other being Lock 11 at Mildura.

The Torrumbarry Weir was able to be repaired before the next irrigation season started on the 15th of August but the decision had already been made to replace the structure with a new weir.

A new massive monolithic concrete structure with six 34 ton radial gates was constructed to replace the old trestle weir and was started early 1994 and completed by late 1996 and officially opened by early 1997.

The new weir is fully automated and regulates its flows based upon a preset upstream level which it will maintain to within 5mm of that level. At full supply we have a weir pool that holds 36,820 ML. Torrumbarry Weirs main purpose today is to supply irrigation water to the Torrumbarry Irrigation System which stems as far as north of Swan Hill approximately 170 km away. The new weir was built to incorporate the original lock which is still in use today.



"The old Torrumbarry Weir looking from downstream"



"The new Torrumbarry Weir looking from upstream"

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

Malcolm Crozier, Murray Harwood, Jay Flanner, Tony Corbo, John Pengilly, Kate Smith, Brett Luck, Alan Tyson, Nigel Donlen, Geoff Beechey, John Tanti, John Cameron, Steve Capewell, Shane Grimstone, Helen Stratton, Kym Kneebone, Robert Gorman, Mark Robinson, Terrence Holt, Darren Champion, Cameron Waddell, Darryl Blake and Matthew Butterly.

New Corporate Members include

SMEC Australia, Westwater Enterprises, Contra Shear Technology, CRS Industrial Water Treatment Systems P/L, WAM Australia, Thin Air Australia, McCourt Dando Pty Ltd, FRP Engineering Pty Ltd, International Chemicals Engineering .

2007 Office Bearers & Committee

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Next Edition

Article Contribution Deadline for the August 2007 Edition **21st July 2007**



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