

BWT News

Welcome to the third edition of *BWT News*. Inside, you'll find the latest news and product information from the BWT team.



IN THIS ISSUE

2015: A big year with exciting challenges 01

How to stop water hammer in your pipe network 01

BWT heads to Ozwater 02

'UL' fire certification for valves in Australia 02

Introducing the new Bermad Meters website 03

Who's who at BWT 03

Case study: Power & Water Corporation 04

Irrigation price list April 2015 04

2015: A big year with exciting challenges

Welcome

We're a quarter of the way through 2015, and it's already proving to be a big year for the BWT team.

We're excited about the many changes and improvements we have taken to market already. And we've got even more exciting developments in the pipeline.

Read on to learn all about what's coming up.

Regards, The BWT Team



How to stop water hammer in your pipe network

Water hammer in pipes can cause great distress to any pipeline network. Ultimately, the problem may result in failure to the pipe, and many components off the pipeline, over a range of tens of kilometres.

In BWT's 25 years of experience in designing and retrofitting the components to deal with water hammer, we've found the key to success goes beyond just using the right product to dampen the surges.

It's our personal experience dealing with these issues, and our 'hands on' approach, which gives us a real understanding of replicating such conditions in software and then on the ground.

The BWT approach is simple. We aim to:

1. Clearly understand the condition.
2. Use this understanding to assist in designing the solution.
3. Finally, once we have applied our analysis and formulated an action, we'll select solutions to protect the pipe.

If you have a water hammer problem and need a solution, contact BWT today.

Images: An example of a fast-acting electronic / hydraulic surge alleviation at a major pipeline project (left). Surge anticipation valves and anti-slam air valves (top right); the pipes in action (bottom right).



25 Years Australia

BWT heads to Ozwater

Events 



The 2015 Ozwater trade conference takes place in Adelaide between 12-14 May, and BWT is once again exhibiting our products and services at the show.

Last year's event saw more than 3000 participants walk through the doors, proving the conference is a must-attend event for water industry professionals.

We're excited about our involvement as we'll be releasing a load of new products set to benefit the water industry.

These include:

- **Bermad model 700ES: Hydraulically actuated diaphragm valves** with the updated design and accreditation to AS5081. The valve has been designed for Australian requirements under AS5081 and Watermark accreditation.
- **Bermad non-metallic air release valves:** The valves have **inbuilt surge protection** designed for water supply, high saline or sea water and mining applications.
- **CSA tank/reservoir fill control valves:** These can operate at **pressures from zero up to 16 bar** and cope with treated or raw water intakes.

- **Sensus domestic smart water meters:** Designed for today's needs, the smart meters have **remote reading and billing**, and are approved for use in domestic water supplies.
- **Euromag electromagnetic flow meters:** Comes with **inbuilt 3G communication**, pressure sensor, data logger and even more features to meet Australian water industry requirements.

Come and have a chat about our products, or one of the many large-scale projects BWT is involved with in South Australia and around our great land.

We'd be happy to discuss past case studies that might be of interest to you and your business.

Details of the trade show are at www.ozwater.org. We look forward to seeing you there.



Images: BWT products on display at Ozwater (top), including the new 700ES valve (bottom left) and the new generation high cavitation resistant (bottom right).

'UL' fire certification for valves in Australia

Approvals 



Image: The new rolled groove UL pressure-reducing valve.

Local demand for the supply of pressure reduction and relief valves has increased significantly in recent years.

To meet the demands of the fire market, BWT underwent accreditation to enable valves to be assembled, tested and accredited to 'UL' standard at our testing facility in Melbourne.

To achieve the accreditation we implemented significant changes. Our staff, facilities and methodology were reviewed and a training program put in place to enable us to perform this function at our premises.

The benefit to you is that turnaround for UL-certified valves is now very quick. Our customers can receive certification from the Australian facility. You no longer need to wait for products

to be assembled, tested and sent from the overseas factory.

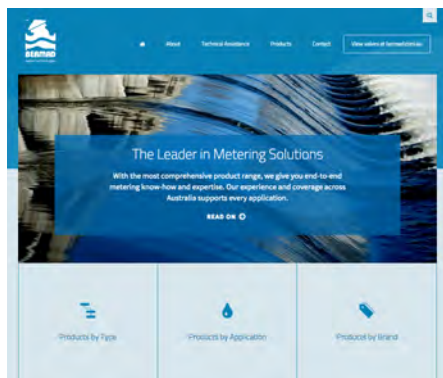
We'd welcome you to come see for yourself. Our training facility in Melbourne is perfectly set up to show you how our valves are tested, and what this means for you in real-life situations.

In an industry where safety is critical, our team welcomes your feedback in continuing to make our valves the safest and most trustworthy valves in the market.

For further information, please contact your nearest sales office.

Introducing the new Bermad Meters website at www.bermadmeters.com.au

News 



Images: Welcome to the new Bermad Meters website (top). Air valve / mag flow installation out in the field (bottom left); detail of mag flow with pressure sensor in meters (bottom right).

March saw the launch of a new BWT website developed specifically for customers in the water industry.

The website is a dedicated resource where you'll find everything you need to know about Bermad's metering range, including mag flows and smart domestic metering products.

To help you find what you want easily, we've developed a powerful search function that allows you to search by:

- Product type
- Product per application
- Product per manufacturer (brand)

Spend some time browsing the site. You'll find lots of useful and practical information in a variety of accessible formats.

To give you an idea of our products in action, we've created two new videos, including a [drive-by demonstration of the Sensus iPerl](#). It's worth taking a look to see how quickly the sensor picks up the signal of the iPerl device. As you drive by the meter it gives you an almost instant reading.

There's also a video presentation on the Euromag range, demonstrating the functions, options and features that make it one of BWT's stand-out products. Both videos were produced here in Australia by BWT.

If it's information you need, perhaps to help in the day-to-day operational data, or when selecting or designing products, then you'll appreciate the downloadable information on our products. These include:

- data sheets
- installation, operation and maintenance (IOM)
- local and international approvals
- product assembly and disassembly
- accessories required for specific product ranges

In designing and developing, we've aimed to give our customers a quick, effective and productive experience. If you have any feedback, drop us a line.

Check out: www.bermadmeters.com.au

Who's who at BWT

Profile 



PETER SULLIVAN Technical Internal Customer Support

E: peter@bermad.com.au

Peter has more than 37 years' experience in engineering. He has spent the past 10 years spent specifically in the irrigation industry as a technical manager and product manager for valves and water meters.

British-born, Peter emigrated to Australia 20-plus years ago. He began his career as a tool maker in the aviation engineering sector, before gaining

operational experience in both production and logistics. A highlight of this time was his R&D work with Formula 1 teams McLaren Williams and Brabham in the '90s.

Upon his arrival to Australia, Peter spent 10 years as production manager within the petro-chemical and water reticulation induction pipe forming industry.

Power & Water Corporation

Case Study 



In this case study, David Chaplin, BWT's South Australian and Northern Territory Sales Manager, talks about BWT's latest supply contract for the Power & Water Corporation (P&WC) in tropical Darwin.

P&WC is the largest provider of water and sewerage services in the Northern Territory. The corporation services more than 1.3 million square kilometres, and is one of the largest employers in NT.

Three years ago, BWT began talking to P&WC about an installation problem they were facing.

P&WC's filter pump stations were receiving incorrect readings from its meters. Visiting the site first hand, we were able to identify the problem.

The pressure-reducing valve (PRV) was installed before the meter. This was creating turbulence, which was coming out of the PRV before the water went into the meter and giving an incorrect reading. By installing the meter first, and then the PRV, the turbulence was eliminated and an accurate reading produced.

We knew one of our products, the [Meistream Plus Water Meter](#), would be perfect for this type of installation, especially because of the limited space. The beauty of the Meistream Plus is that it does not require any 'straight lengths' before or after the meter.

We supplied P&WC with a DN80 Meistream Plus water meter and it performed exactly as it should. (Sometime later, we learnt P&WC had the meter independently tested and that the results showed it was 100 percent accurate.)

Over time, we were able to learn more about some of the issues P&WC faced. One of the biggest concerns regarded the length of their meter installations.

Land developers are always keeping an eye on maximising their returns, constantly complaining that the space needed for the meter installation could be better used as another parking space (or similar). It was yet another reason the compact and efficient Meistream Plus meters were a great fit for these sites.

As word of the success of our meters spread, BWT started to get enquiries from field operators. More and more started using the Meistream Plus because it was easy to use and install.

P&WC decided that wherever possible it would embrace change and use the latest technology.

Our [Sensus smart meters](#) are a great complement to the Meistream Plus. They are based on electromagnetic technology and manufactured from a non-composite material that will not corrode giving them a long life. They can also be easily read from a distance using a hand-held unit.

In 2014, P&WC officially elected to implement BWT products across the territory. There were two key reasons for choosing BWT. Not only do our products meet P&WC's technical requirements, but they are also in line with Australian standards.

We look forward to working with P&WC to ensure our products and solutions meet their demands over the coming years.

If you're keen to learn more about our work with [Power & Water Corporation](#) or any other organisations BWT has served, please drop David a line at david@bermad.com.au

Images: DN50 Meistream Plus Water Meter (left); DN150 Meistream Plus Water Meter (right).

Trends

Irrigation price list April 2015

The latest irrigation price list is out now. Of interest to irrigation distributors, the new list incorporates many new products and services for the irrigation industry.

If you'd like a copy of the list, please contact your nearest BWT sales office or sales@bermad.com.au or visit www.bermad.com.au.



Get in touch — BWT can be found Australia-wide.

For more information or to speak to one of our staff, call the number in your state. www.bermad.com.au

Victoria

Tel: 03 9464 2374
7 Inglewood Drv
Thomastown 3074

New South Wales

Tel: 02 9746 1788
31/42-50 Hampstead Rd
Homebush West 2140

Queensland

Tel: 07 3205 3431
105/193 South Pine Rd
Brendale 4500

South Australia / NT

Tel: 08 8359 8696
2/43 Douglas Drv
Mawson Lakes 5095

Western Australia

Tel: 08 9227 0014
11/117 Brisbane St
Northbridge 6003

Enquiries

info@bermad.com.au
www.bermad.com.au