

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



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Welcome growth and expansion at Bermad Water Technologies.

Welcome 



Bermad Water Technologies is an organisation that always places a huge priority on people. We proudly take a person-centred approach to all aspects of our business, and we value every single member of our operations team.

Recently, there has been a raft of exciting changes due to the rapid and ongoing growth of our business. The accompanying expansion has created a number of flow-on effects for key personnel and BWT.

We're excited to announce a positive restructure of the Western region of Bermad Water Technologies. One of the primary developments involves Michael Jacobsen moving from Perth to Adelaide to adopt his new role as Manager of the Western Region, encompassing Western Australia, the Northern Territory and South Australia.

With over 35 years' experience in valves, pipes and fittings – to general industry mining, petrochemical, oil and gas, Michael looks forward to bringing his diverse skillset and keen enthusiasm to the new role.

Michael is a proud and committed member of the BWT team. Since joining Bermad in 2008, he has shared his expertise across all areas of our business. Michael has a particular focus on site visits and the essential role they play in the commission, selection and troubleshooting of valves and systems.

We also take great pride in welcoming Rod Cable to the BWT team. Rod joins us in his new role as Sales Manager of Western Australia.

With a background in industrial piping and business development, Rod brings the perfect blend of energy and experience.

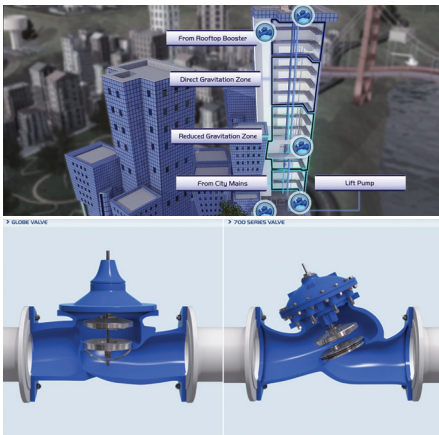
Please join us in congratulating both Michael and Rod as they undertake their new positions. We wish them the very best in these new roles and look forward to their future success.

For further information on the Western Region restructure and what it means for your business, get in touch with your local BWT contact.

Congratulations Michael and Rod!

Bermad Cities is now online.

News 



Bermad Cities Online Dashboard.

Introducing Bermad Cities Online – an exciting new resource designed to showcase a world of practical possibility with valve and metering products.

To try out Bermad Cities visit:
www.bermad.com.au/technical-assistance/bermad-cities/

Bermad Cities Online is an interactive 3D experience built to provide water professionals with a deeper understanding of product operation, capability and functionality.

It might be a virtual city, but this exciting new tool represents real educational outcomes for the water supply market. At the touch of a button, users can visualise a wide range of Bermad products in their practical, civil application and a huge range of additional insights.

The experience begins as a panoramic view of an animated cityscape, with clickable touchpoints on key aspects of the urban infrastructure. From the outset, users are presented with the option to view a traditional metropolitan grid or the piping network set beneath it. Notable points on the map include suburban residential areas, high rise buildings, commercial facilities, reservoirs, water treatment and general building and construction applications.

By clicking on any available click-point, users are presented with a detailed animated overview of the product in context. Clicking further points on the zoomed-in view provides access to a variety of comprehensive resources, including:

- **Animated scenarios highlighting best-practice for specific products in certain applications.** Two-dimensional schematics showcase the considered design and premium operation of Bermad Water Technologies products.
- **Case studies detailing products used in real-world settings.** Bermad Cities Online may showcase a virtual world, but our solutions are successfully employed for optimum outcomes all over the globe.
- **Product sheets offering comprehensive valve overviews.** Access detailed information on specific parts and solutions.
- **Instructional videos.** Extend the learning to gain an even deeper understanding of installation and maintenance.

At BWT we value shared knowledge and industry support. We're dedicated to equipping customers with expertise, resources, education and training.

Through collaboration and commitment to our customers, we hope to create a tight-knit and accomplished community within the water industry. Building a virtual community is another innovative step towards achieving that goal.

BWT Product Release: TURBO-IR-BE flow meter with electronic register.

Products 



The Bermad TURBO-IR-BE flow meter designed for irrigation applications.

For many years, the Bermad TURBO-IR paddle design flow meter has proven itself as a robust product used and trusted by private and government irrigation companies throughout Australia.

The meter is engineered for accurate flow measurement in irrigation scheme applications. Bermad has further developed the product to incorporate an electronic register. This digitisation, along with many other additional features – allow it to read and accumulate the rate of flow simultaneously.

The battery operated meter is free from external power requirements and has standard two pulse output options.

Bermad's Electronic Register technology is an innovative solution with no moving parts – improving accuracy and sensitivity. This ensures increased metering reliability and high performance in your irrigation scheme.



Newly redesigned Bermad TURBO-IR-BE flow meter.

How to select the optimum irrigation meter.

How to 



From left to right: Sensus WPD meter, 900 series Hydrometer, TURBO-IR meter with air valve.

To learn more about how to select the optimum irrigation meter visit:
www.bermad.com.au/news-and-info/select-optimum-irrigation-meter/

Water meters play an integral role in any irrigation network. With so many different options available – as well as the diversity of the irrigation market – choosing the ideal metering solutions for your specific requirements can be difficult.

Whether you're looking for greater control, no-fuss installation, accurate flow measurement or improved water quality (or all of the above), there's a range of products to suit your needs.

To help eliminate the guesswork and get your solution operating at the highest level, we've put together a guide to selecting the optimum meter for your application. It will ensure you identify the perfect meter for your network, by considering different products and pinpointing their suitability for different irrigation applications.

Ideal settings for installation

Many meter designs feature particular installation requirements in order to provide a smooth laminar flow, which will subsequently assist in ensuring accurate meter performance. For example, there can be variation, from 20 upstream diameters required, to zero upstream diameters. In many applications, there is minimal room for installation and the straight diameters required may create issues in regard to the overall length of the installation.

Each installation is different, and selecting the optimum meter depends on your installation requirements. For example, in metropolitan irrigation systems for parks and gardens, or drinking water, the Meistream plus meter is a fantastic option. This is largely because it has zero requirement upstream and downstream diameters, making it ideal for the compact installation scenarios that you typically find in big city centres.

Alternatively, an agricultural setting where a grower is fitting a meter for a pumping station may offer plenty of room for a meter that requires ten upstream and five downstream diameters.

Product installation is always important and plays a crucial role in the ongoing operation of any system. To see a more detailed guide to meter suitability – visit the full article on our website.

Consulting a BWT metering specialist will ensure that you receive the best and most comprehensive insight possible.

Who's who at BWT.

Profile 



ROD CABLE Western Australian Sales Manager

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Following on from our announcement earlier in this edition, please join us in welcoming Rod Cable to the BWT team. With over 25 years' experience in the industry, Rod brings a wealth of knowledge and diverse skills in his capacity as State Sales Manager for Western Australia.

Rod's comprehensive working history has seen him flourish both in area sales management and roles in business development – with a particular focus on the mining and industrial sectors.

He also offers broad experience in training, analysis of suppliers, product development and distribution network maintenance.

Over his career, Rod has seen a wide variety of developments and significant industry shifts – from the way products are developed and implemented to the complexity of solution delivery. With a varied skillset and a dedication to constant upskilling, Rod looks forward to his next challenge: joining our team and working towards greater success with BWT.

Please join us in wishing Rod Cable all the best and warmly welcome him to Bermad Water Technologies.

Bungunyah-Koraleigh Irrigation Trust Pipeline – going strong five years on.

Case Study 



At BWT, we pride ourselves on products that perform under pressure for the long haul. This case study features Bermad supplied products for an irrigation system installed in Koraleigh, New South Wales.

Koraleigh is a small town located alongside the Murray River in south-west New South Wales. With a population of less than 400, the small community resides close to the Victorian town of Swan Hill. Irrigation water is predominantly used by small farmers for a variety of crops.

Water is largely sourced from the Murray, and a pressurised pipeline system was designed and installed for the community. The pipeline aimed to provide water security to each grower at the farm gate.

BWT was selected as the valve and meter supplier in conjunction with a Sunraysia based irrigation contractor.

The system was installed to provide a secured flow of water to each grower – regardless of their system requirements. The pumping station incorporated multiple pumps running through Bermad valves, which controlled flow into the pressurised pipeline network.

Bermad supplied sustaining valves, pressure relief valves and anti-slam air valves as surge protection devices – this was in order to safeguard the network in the event of power failure at the pump station.

At the property outlet, a combination of the Bermad 900 series and 400 series valves were selected to control the flow. The flow to each property was able to be switched on and off remotely – catering for requirements of the local telemetry.

The system has now been in operation for several years – still going strong. Providing ongoing water security to the Koraleigh community is just one of the many cases that highlight the Bermad quality standard. Our ability to work in large scale irrigation schemes highlights our commitment to forward-thinking water solutions.



Property outlet with three Bermad 900 series valves supplying three independent farms.



Bermad 900 series valves running to two farms.



Bermad 400 series controlling flows to a smaller farm.

For further information or details on this Bermad application, please get in touch with our Victorian office.

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

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