

New technology, more options



The Future

Installation of the RF device will provide the technology to develop further customer benefits in the future. This could include the ability to enable customers to monitor their water consumption on-line via Busselton Water's website.

Once implemented customers will be able to:

- track their consumption usage
- view comparisons of their previous consumption.



CONTACT US

admin@busseltonwater.wa.gov.au

www.busseltonwater.wa.gov.au

9781 0500

24hrs for emergencies

1 Fairbairn Road
BUSSELTON WA 6280



BUSSELTON WATER

WORKING TOGETHER
FOR OUR WATER FUTURE

About your NEW Meter

Radio Frequency Meter Reading Retrofit Project



This project is partially funded through Busselton Water and the Australian Government's *Water for the Future* initiative through the *National Water Security Plan for Cities and Towns*.

Why do I have a new water meter?

Busselton Water is leading the way in Western Australia with the installation of a complete data collection system utilizing radio frequency technology (RF) fitted to all water meters within Busselton Water's licensed area.

The RF meter provides Busselton Water with a comprehensive suite of real time information meaning more efficient management, monitoring and control of water consumption within its licensed area.

This system improves quality control and access to services by providing accurate detailed usage patterns to water consumers, enabling them to adjust their usage accordingly and save money through early leak detection, enabling an environmentally sound approach to water conservation.

It is estimated that a minimum of 26 Megalitres will be saved within two years, as a result of earlier leak detection.

The project is estimated to cost \$1.5M with Busselton Water sharing 50% of the cost with the Australian Government.

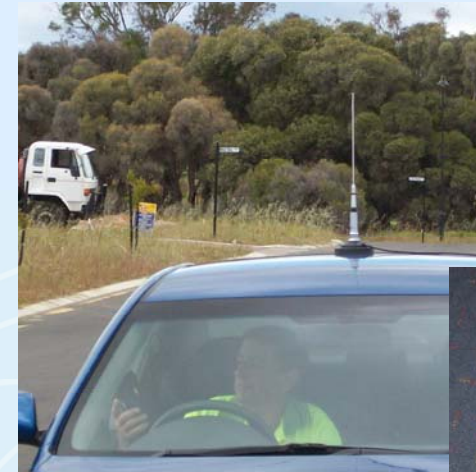


How does it work?

The RF device is housed in a waterproof and air tight enclosure. The device has two main components; the hydraulics that allows measurement of the water flow and the register that displays the measured water volume.

The RF device allows communication through a radio frequency wireless link.

This method allows Busselton Water's staff to collect the data for a wide area, from one position, using a data collection device. This also saves time and money.



Benefits of RF Meter Reading

RF metering brings advances in the monitoring of backflow, through early detection, minimizing the possibility of contamination to the water supply.

RF metering provides:-

- Protection of water quality by monitoring backflow
- Early detection of water loss enabling customers to save money
- The radio reading also opens accessibility to all meters even if the customer is absent or in hard to read locations
- Sturdy construction of the device makes it resistant to shocks and UV-light.
- Consistently proven reliable device with long life battery and tampering alarms.
- Administrative savings within Busselton Water's water billing processes.