

engineered efficiency

Water System Engineering,
Design, Monitoring, Analysis
and Optimisation

“Efficiency
Through
Analysis”



WATER NETWORK ANALYSIS

Engineered Efficiency is on hand to take charge of all your requirements while also creating cost-savings for your business.

- **Initial system set-up** (installed to ensure future cost-savings).
- **Asset management registers** to help you understand what assets you have and their exact location.
- **Continuous monitoring** to detect issues as soon as they arise.
- **Alerts and alarms** to events.
- **Identify trends** and benchmarking against industry standards to ensure your system is providing the best value for money.
- **Alternative water sources** or best re-use options so your water is working for YOU.
- **Water-loss prevention** and solutions that deliver a commitment to conservation.

ENGINEERING CAPABILITIES

- Piping system design & optimisation
- Reconfiguration of piping networks
- Chemical dosing systems
- Water treatment systems
- Hazardous & dangerous goods handling & management
- Asset management planning

TEMPORARY MONITORING

Using temporary flow & pressure meters, Engineered Efficiency can:



- Check calibration of existing meters
- Perform flow surveys
- Undertake trouble shooting
- Install short or long term remote monitoring

All this without interruption to services!!

LEAK DETECTION

As an official contractor for the Water Corporation, Engineered Efficiency detect and locate hidden underground leaks in their water network.



If you're managing a water network for hospitals, ports, universities, schools or similar, Engineered Efficiency can help you too.

- Detect leaks before they become a burst.
- Save water and money
- Data for maintenance planning

PULSAR MEASUREMENT SENSORS & CONTROLLERS

Engineered Efficiency are Australian distributors of Pulsar's range of industrial level and flow measurement instruments, designed for water & wastewater applications.

Pulsar Process Measurement Ltd manufactures preferred equipment for the Water Corporation.

Using Pulsar technology, we can provide solutions for:

- Tank and Sump Level Monitoring and Pump / Valve Control
- Pipe Flow Measurement and Control
- Open Channel Flow Measurement
- Wet Well Control
- Thickener Bed Level Control
- Blocked Chute Detection
- Dust and Solids Level Monitoring
- Slurry & Wastewater Flow & Level
- Abstraction Metering
- Riparian Release



TANKVIEW

Utilising Pulsar Measurement's instrumentation and our experience we've developed TankView.

What will TankView do for you?

- Measure remote tank levels
- Easy install
- Solar, mains or battery power
- See data via phone or web app
- Water, fertilisers, fuel and wastewater systems



*"See data via phone
or web app"*

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ABOUT US

Engineered Efficiency is a dynamic Western Australian company specialising in water management.

We conduct water network analysis, design of treatment and storage systems & leak detection services.

Through our partnership with Pulsar Measurement, we offer a range of level & flow control and instrumentation for various irrigation & industrial applications including open channel flow monitoring.