

## Water Pump Flow Measurement

Reliable and accurate measurement of your pumped water flows, to meet your monitoring and environment consent requirements: Digital Telemetry and Asset Monitoring Limited make it easy, hassle-free and affordable.

### THE CHALLENGE

**Environmental consent obligations require accurate and timely reporting of substantial water intake volumes and discharges.** For many councils, farming and industrial business, this means learning how to measure and report water-flow. Working out which metering products will perform the job, how they should be installed and then maintained requires specialist metering knowledge. Making the wrong decision can lead to increased costs, consent breaches and wasted effort. As well, reading meters each day takes time that could be spent better elsewhere. A cost-effective solution is required that makes the installation, calibration and on-going data collection easy and worth-while.

### THE SOLUTION

**Asset Monitoring Limited are flow metering experts who have designed a simple cost-effective technique for measuring flow through pumps that does *not* require complex on-site meters or data loggers. They have partnered with Digital Telemetry, who manage collection of readings and web site access to view it.** An Xtensor® modem is installed to monitor pump activity. Data is sent over Digital Telemetry's wireless Invisibridge® network, to the servers that calculate and store flow rates. Each customer can access their flow information on the web site, where they can view flow graphs, download the data in excel for analysis or delivered directly to council in approved file formats.

#### Your data

Asset Monitoring Limited pump monitoring equipment.

Xtensor® modem connected to the monitor: collecting, storing and delivering data.

#### Connection

Xtensor® modem maintains a 24x7 connection to the Invisibridge® network using a Vodafone GPRS link

#### Your Access

Each customer has a secure login to access their flow information on the web site.

Customers view flow data and graphs, or download the data for further analysis.

Where appropriate, council automatically receive the results in approved formats.

### THE PAYOFF

**Cost-effective water flow monitoring with a council compliant end-to-end solution. Easy access to flow information. Hassle-free.**

The partnership between Asset Monitoring Limited and Digital Telemetry provides a fully managed end-to-end hassle-free solution. You stay focused on your business: we focus on ours, which is to make sure your flow data is accurately, reliably and securely collected for you.

Asset Monitoring Limited are flow monitoring experts with over 20 years experience, so you know their solutions will work and keep working. Even if you don't need new equipment, they can calibrate and audit your existing systems. You can be confident that you are meeting your compliance requirements and can trust the data.

Digital Telemetry specialise in remote telemetry: they ensure your flow information is reliably collected, transferred to the web, sent to the council, and available for you. Their advanced technology means that 2-way communication with pump equipment is optionally available; it could be used to change schedules or turn pumps on/off from the web site... saving you even more time.