

## Open Channel Water Intake Measurement

Measuring open channel water flows, to meet your monitoring and environmental consent requirements: Digital Telemetry and Asset Monitoring Limited make it easy, hassle-free and cost effective.

### THE CHALLENGE

**Recent environmental legislation changes have extended the reporting obligations for farmers taking water under consent.** For many farming businesses, this means learning how to measure water-flow on a daily basis. Knowing which metering products will perform the job, how they should be installed and then maintained requires specialist metering experience. 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 design and install water measurement solutions. They have partnered with Digital Telemetry, who manage the remote collection of data and provide web site access to it. This partnership has provided a complete end-to-end solution for the farmer.**

An industry recognised MACE metering system measures the open channel water flow. An Xtensor® modem is connected to the meter to record flow data and send it to the web site using Digital Telemetry's wireless Invisibridge® network. Using the web site, each customer views their own data and flow graphs. Council approved file downloads are supported: these can either be downloaded manually by the customer, or can be automatically delivered to the council on a regular schedule.

#### Your data

Asset Monitoring Limited MACE metering system.

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

#### Connection

Xtensor® modem maintains a 24x7 connection to the Invisibridge® network using a Vodafone GPRS link. This connection carries the data to the web site as it is measured.

#### 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.

Alerts are available for unexpected flows. Council can automatically receive the results in approved formats.

### THE PAYOFF

**Complete water flow monitoring with a council compliant end-to-end solution. Easy access to flow information. Reliable and hassle-free.**

The partnership between Asset Monitoring Limited and Digital Telemetry provides a complete fully managed end-to-end hassle-free solution. You can 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. Even if you don't need new equipment, they can calibrate and audit your existing equipment. Either way, you (and the council) will be confident you are operating within your consent requirements.

Digital Telemetry specialise in remote telemetry solutions: you keep your mind on your business, knowing the flow information you need for compliance is reliably recorded, transferred to the web site and delivered to the council.