Digital Telemetry
Connecting knowledge

Improving waste water compliance at Hutt City

Hutt City creates waste and waste water as a by-product of its successful industry and manufacturing activities. Digital Telemetry solutions gave Council access to real time waste water flow data, reduced waste water monitoring overheads and improved compliance rates.

THE CHALLENGE

Improve timeliness and ease of access to waste water flow data. To improve consistency of waste water compliance rates, the council needed to improve its effectiveness in monitoring the flows. The solution should allow customers to self-monitor more effectively as well.

THE SOLUTION

Ten minute flow data is now available 24x7, to both the Hutt City Council and the customers. It is accessed via a secure web site, by both Hutt City council and each customer.

The existing flow meters were not altered: Digital Telemetry connected an Xtensor® modem to each meter, to collect flow readings and forward them to the data servers. Flow data is available almost immediately on the secure web site; email and SMS alerts are sent if high volume thresholds are exceeded, allowing immediate responses to these events.

Your data

Existing waste water flow meter

Xtensor ® modem connected to the meter's 4-20mA signal to collect readings

Connection

Invisibridge® network using Vodafone GPRS link

Your Access

Secured WWW site, where each customer has a personalised login

SMS and email alerts are sent when high volume thresholds are exceeded

THE PAYOFF

Council now has access to real time flow data, from anywhere. Accurate, current data means reduced Trade Waste administration overheads and more consistent compliance rates.

By improving the timeliness and accessibility of monitoring, compliance breaches have been reduced. Alerts allowed the Council and their customers to respond immediately to high volume events they were previously unaware of until it was too late.

The Council now has a single consistent interface to their customers' data, rather than a different interface for each different type of meter.

Better access to waste water flow data, for low cost. And by using Digital Telemetry's managed service, the Council have achieved all this without exposing themselves to the hassles of building and running the communication networks.