



## Pulsar's Flow Pulse offers low-cost non-invasive flow monitoring for Southern Water.

'Archery' pumping station in Eastbourne forms a strategic asset within Southern Water's East Sussex networks and is used to protect local residents by passing stormwater directly to the nearby Eastbourne Works during high flow conditions.

The station was previously fitted, many years ago, with electromagnetic flowmeters on the four main storm pumps within the station but in recent times has suffered from a lack of flow data and pump

operational data due to the electromagnetic flowmeters failing. The flow data is particularly important for the day-to-day running of the 'Archery' station as it controls the flow to the nearby works.

Pulsar installed four Flow Pulse monitors within the pumping station by simply strapping the Flow Pulse sensors to the outside of the pipes. Due to the fast deployment and commissioning that Pulsar was able to provide, downtime was greatly reduced and a significant reduction in installation costs in comparison to new inline electromagnetic flowmeters was saved.

By using Pulsar's non-invasive Flow Pulse system, Southern Water was able to restore flow monitoring to the station quickly and without the need for new expensive in-line flow monitoring,



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Pulsar's Flow Pulse flow monitoring innovation provides water and wastewater companies a variety of options, through a portable flow monitoring system when combined with the Flow Pulse HandHeld Controller, or full integration into their intelligent pump controllers (e.g. Quantum 3) or Pulsar's latest innovation, Ultimate Controller, which combines RTU, pump control, level, and flow measurement into one economically sized unit.

## Featured Products



Flow Pulse Sensor



Flow Pulse HandHeld Controller



Flow Monitor Wall Mount Controller



Flow Pulse Options

## Delivering the Measure of Possibility

Pulsar Measurement offers worldwide professional support for all of our products and our network of distributors all offer full support and training. Our facilities in Malvern, UK and Largo, USA are home to technical support teams who are always available to answer your call or attend your site when required. Our global presence, with direct offices in the UK, USA, Canada and Malaysia allow us to create close relationships with our customers and provide service, support, training and information throughout the lifetime of your product.

By taking a step forward in echo processing technology, Pulsar Measurement addresses applications previously thought to be beyond the scope of ultrasonic measurement and improve signal processing at the transducer head as made it possible to increase resistance to electrical noise, enabling the transducer to 'zone in' on the true echo.

For more information, please visit our website:

[www.pulsarmeasurement.com](http://www.pulsarmeasurement.com)



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