



# YSI Hydrodata

Monitoring the Environment®

Website

Water Quality

Hydrology

Services

Rental



This newsletter is designed to keep you abreast of developments in water monitoring technology and to provide you with relevant news stories (such as the fact that we have moved



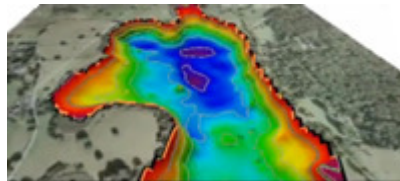
## YSI Hydrodata has moved to larger premises!

To accommodate growth in our business, we are moving to larger premises a short distance (less than 1 mile) from our current location. From 2nd November our new address will be:

YSI Hydrodata Limited  
Unit 2 Focal Point  
Lacerta Court  
Works Road  
Letchworth  
SG6 1FJ

Our contact numbers will remain the same.

## Fly through Esthwaite Water on YouTube!



A YSI EcoMapper autonomous underwater vehicle (AUV) has been deployed at Esthwaite Water in the Lake District to record water quality and

bathymetry maps.

[Click here](#) to fly through the lake on YouTube using the results of the survey and [click here](#) for a video explanation of how the EcoMapper works.



## Doppler flow meters protect slow sand filters at water company

The measurement of flow is critical to the effective management of slow sand filters. However, the installation of traditional flow meters can be extremely expensive in locations with poor access, so engineers at a major UK water treatment works have installed a pair of YSI SonTek doppler flow meters at the outlets to two slow sand filters and report a major improvement in purification control which has substantially reduced operational risk. [Click here](#) for the full story



[Click here](#)

## MCERTS accreditation for water quality monitors



The Environment Agency's monitoring certification scheme MCERTS is being implemented in virtually all forms of environmental monitoring. Providing recipients of monitoring data with reassurance that instrumentation performs to high standards, the scheme is designed to

build confidence and reliability.



YSI was the first company worldwide to receive MCERTS approval for multiparameter water quality monitors (the 6-series sondes) and the Pro Quatro is now also being tested for approval.

The Pro Quatro is a member of an advanced range of portable water quality meters, the 'Professional Plus.' The Pro Quatro is able to measure conductivity, temperature, dissolved oxygen, and a choice of any two ISE's from pH, ORP, ammonium, nitrate or chloride.

[Click here for more info](#)

#### New antifouling option for sondes



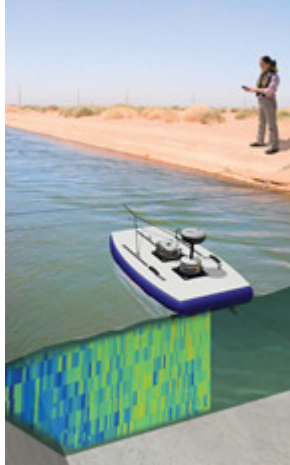
YSI customers can now save valuable time and reduce operating costs by extending the deployment period of water quality sondes with new anti fouling kits. Kits include sonde housings and guards, probe wipers, and hardware fabricated from copper alloys - as well as copper tape for the probe bodies and longer and thicker wiper pads.



These kits can extend deployment intervals by 3 times or more - significantly reducing trips to the field and time spent on system maintenance.

[Contact us now](#) for more info

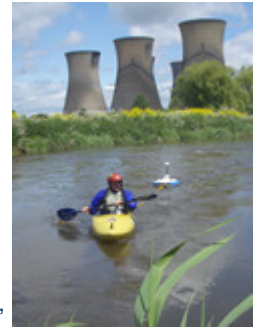
#### SonTek RiverSurveyor offers superb performance with simplicity



The RiverSurveyor S5 and M9 systems have been designed to provide unrivalled levels of accuracy, resolution and simplicity in measuring open channel hydraulics.

Multiple acoustic frequencies fused with precise bandwidth control make for the most robust and continuous shallow-to-deep measurements ever.

A deterministic microcontroller expertly apportions the proper acoustics, pulse scheme, and cell size so that users can focus on the measurement - not the instrument setup.



Designed to work intuitively, the system

even has a vertical beam for precise channel definition.

[Click here](#) to view the full range of RiverSurveyor benefits or to download a brochure.

#### Catchment monitoring network protects Thames



Water quality in the River Thames has been linked to the activities of mankind for centuries. In 1858 Parliament had to be suspended because of the stench arising from pollution in the river, but today MP's noses are no longer necessary for the detection of water pollution...

A network of sixty highly sophisticated monitoring stations relay live water quality data from YSI sondes to the Environment Agency and other stakeholders. Data can also be displayed on a PDA/Blackberry.

[Click here for the full story](#)



If you have an interesting application that might be suitable for a future eNewsletter, [please let us know!](#)

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