




Water conservation through efficiency

aqualogic

A man and a child are walking away from the camera in a field of tall grass. The scene is bathed in the warm, golden light of a sunset or sunrise, with the sky transitioning from a pale blue to a soft orange. The man is on the right, wearing a dark jacket and trousers, holding the hand of a smaller child on the left. The child is also wearing dark clothing. The overall mood is contemplative and serene.

“We don’t
inherit the earth...

we borrow it
from our children.”

Using the planet’s most precious resource more wisely.

As the combined effects of climate change and population growth place more and more demand on our water reserves, it’s becoming clear that everyone – businesses and individuals alike – has a part to play in its conservation.

Not just for the sake of drought stricken countries in the third world. But right here, right now, in your community. Already, in areas of south east England there is less available water per person than in Syria and even Sudan. In Scotland, Northern Ireland and Wales, rainfall, groundwater and reservoir levels are at their lowest levels and it is now widely predicted

that in the not too distant future, water availability in Scotland will be similar to that currently found in the south east of England.

Aqualogic is dedicated to helping businesses and water companies scale down their demand for water by providing sophisticated consumption intelligence data. These facts help businesses to understand their current consumption patterns, but more importantly they form the backbone of an Aqualogic water conservation strategy, designed to reduce waste and make better use of our most precious resource.

**We call it conservation
...through efficiency.**

Saving water... means saving money



If the ecological argument for saving water is irrefutable, the business argument is almost as persuasive.

Organisations that are able to reduce their water consumption can look forward to substantial savings, enhanced efficiency and the reassurance that they are playing a valuable role in protecting our precious resources. Moreover, saving water means reducing carbon emissions, as between 2% and 3% of all electricity generated is used to process and 'deliver' water to our homes and businesses.

At Aqualogic we can help you decide which water saving measures will deliver the biggest saving for your business or organisation by carrying out a thorough audit of your water usage. By combining our expertise with our state-of-the-art systems, we will provide a bespoke report and recommendations, in fact everything needed to plan a water saving strategy which best meets the future requirements of your business.

For a relatively small investment our highly trained team will work with you to select from our comprehensive range of consumption reducing products. These are then fitted to existing appliances and fixtures to provide a return on investment many times the initial installation cost.



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www.aqualogic-wc.com



Aqualogic

Providing innovative, durable and environmentally friendly water conservation solutions for over 30 years.

Our commitment to water conservation is a long held one.

We've been at the forefront of water conservation for over 30 years and in that time we've been helping local authorities, schools, councils, healthcare trusts and water companies not only to comply with the latest regulations but to improve their water efficiency and reduce their costs.

To do that, we are committed to a programme of continual innovation and have developed new generation systems and tools dedicated to understanding the factors which affect your water usage, these include a number of proprietary tools for enhanced data collection, including Automated Meter Reading (AMR), site management and remote alerting solutions.

Once we have the intelligence we need, we draw on a constantly evolving range of water saving products. This innovative portfolio includes advanced shower heads capable of reducing consumption by up to 60% without compromising the showering experience, intelligent flush control devices and easy to install dual flush conversions for WC's.

Together, they allow us to deploy a complete package of water services, from consumption analysis through to professional installation to ongoing water estate management.

Integrated Demand MANAGEMENT

A unique water management approach, encompassing and facilitating the key aspects of monitoring, budgeting and the strategic implementation of water saving strategies.

By drawing on the most accurate and robust data available, Integrated Demand Management (IDM) offers a 360 degree picture of all the issues affecting demand, consumption, waste and water management within an organisation.

We call it the total water efficiency package and it starts with sophisticated data capture methods employing some of the industry's most innovative and advanced reporting tools.

Automated Meter Reading provides accurate information on flow rates and patterns of demand.



Accounting for the unaccounted. Identifying underground water leakage, uncontrolled usage or process consumption.

Comprehensive leak detection using acoustic sounding, step testing and hydrogen gas injection. Capabilities range from a single site to problematic water distribution zones.

The data they provide forms the basis of a bespoke recommendation to reduce waste and water consumption with the most appropriate products for your organisation. And once installed, ongoing monitoring services allow us to assess the impact of those products and plot strategies for further savings, unplanned losses or waste.

In the event of us identifying problems we can draw on a selection of specialist contractors to carry out remedial work where required.

IDM Key Benefits:



DATA Collection



Aqualogic deploys some of the most sophisticated data collection technology available to assess water usage within organisations and water networks.

Utilising wireless data transmission to log water flow, Automatic Meter Reading (AMR) offers the ease and efficiency of multi-point remote monitoring via a range of sophisticated technologies including GPRS, SMS, Radio or 3G.

Because this data is delivered close to real time, it allows users to respond to changes in demand, supply fluctuations and supply outages quickly and efficiently.

We provide an unbiased view on AMR systems feasibility, part of this service can be audit and suitability tested within existing water meter locations.

Saving time. Saving money. And allowing suppliers to better meet the targets set out by the regulator for reductions in wastage and continuity of service.

AMR data collection formats:

- Low frequency fixed radio network
- Large or small scale logging programmes
- GPRS data packet transmission fixed network
- 3G drive by collection
- 3G fixed network, from 2010



Water AUDIT

The key to water management is effective water measurement.

An Aqualogic Water Audit will measure exactly how your organisation uses water on a weekly, daily, even hourly basis.

Are there periods of intense demand that are contributing to your water bill? When, and where, are they at their highest?

How much of the water that enters your organisation is wasted? And how?

A Water Audit will provide the answers to all these questions. Better still, it will break down consumption data into volumes, time frames or costs per litre.

Using easy to interpret, innovative graphic displays, our team will show you how the figures affect your business performance, and map out recommendations to improve efficiency and reduce costs.



AQUALOGIC Product Portfolio

At Aqualogic, an important part of our role in assisting organisations to reduce their water consumption is to offer a wide range of specialist water saving devices. Our wide range of innovative, affordable water conservation products has been designed and manufactured to integrate within existing facilities. Our expertise in selecting, manufacturing, installing and servicing has helped many of our clients minimise waste and significantly reduce their water bills.

Urinal controls

Timed, sensor activated or manually operated flush control products for public. Typical savings offered: 60%.

Taps

Water saving taps featuring push controls, aerators and reduced flow designs.

Showers

High performance water saving showers incorporating aerated technology with anti-vandal designs and automatic cut off systems for leisure centres, schools and other public facilities.

WC products

Dual flush replacement systems and dams to reduce water use by up to 30% per flush.

Hygiene

A range of dispensers, air fresheners and consumables for public toilets.

Spares and accessories

Replacement components with manufacturer warranties.

Leakage prevention

Supply isolation switches for home or business use.

Water saving kits

Easy to install products to reduce water consumption in the home, school or business.



WATER
CONSERVATION
THROUGH
EFFICIENCY



Client Projects

At Aqualogic we have an enviable pedigree gained through working with a diverse range of organisations both in the public and private sector.

We have delivered projects ranging from large scale industrial auditing to water efficiency pilots in schools on behalf of the UK's largest water utilities.

Here are some of the companies who have benefited from our expertise.

Severn Trent Water

Thames Water Utilities Ltd.

Dwr Cymru Welsh Water

Hospitality H2O (project instigated by DEFRA and Envirowise)

Yorkshire Water Business Services

Metropolitan Police

British Telecom

Health Service

Transport for London

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