Blackwell
Water Consultancy Ltd

SIMPLIFYING WATER & TRADE EFFLUENT

Working out where and how you can reduce water consumption or effluent production is our speciality. We've worked in areas of the economy ranging from chemicals to cosmetics and education to food production.

" A SYSTEMATIC AND RIGOROUS STEP-BY-STEP PROCEDURE FOR INCREASING WATER EFFICIENCY, REDUCING COSTS AND IMPROVING PERFORMANCE"

Blackwell Water Consultancy is based in Darlington in north east England and is led by David Brydon, a process engineer with over 20 years' experience of water, wastewater, project management and data analysis.

We work regionally, nationally and internationally across all types of commercial and industrial site.

WE SPECIALISE IN:

- guaranteeing trade effluent consent compliance
- reducing trade effluent costs
- water efficiency audits
- specifying all types of effluent treatment plant
- identifying water & effluent reuse opportunities
- rainwater harvesting feasibility
- greywater reuse
- project management
- cost estimation for water & effluent plant
- minimising cooling tower water consumption
- statistical analysis and data modelling

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Reducing water costs

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Water efficiency | Trade effluent | Rainwater harvesting | Data analysis

WE HELP TO REDUCE WATER AND EFFLUENT COSTS AND IMPROVE RESOURCE EFFICIENCY

Water | Effluent | Rainwater | Greywater | Data analysis

Making sense of water supply and effluent treatment problems is what we do, day in, day out. This is our core activity but we understand that is not the case for many businesses, either industrial, commercial or retail.

We offer a full range of services starting from straightforward water audits for retail or commercial clients to outline design & appointment of contractors for manufacturers.

Our audits can help to avoid expenditure on unnecessary equipment. We can do that because we concentrate on reducing water consumption and effluent production first by changing operating procedures. Only after we've done that do we think about "end-of-pipe" solutions.

This means our audits can help to reduce costs and prioritise expenditure where it's really needed.

WATER EFFICIENCY | Reduce consumption while recycling and reusing water, rainwater and greywater where appropriate

Our water efficiency studies cover all uses of water and include detailed appraisals of appropriate equipment as well as financial analyses.

TRADE EFFLUENT | Comply with discharge consents, reduce volumes & loads and recycle and reuse

We look at every source of effluent and our site-specific feasibility studies give a comprehensive analysis of treatment and reuse options.

RAINWATER HARVESTING | Capture & use rainwater to reduce consumption from other water sources

Many sites can collect and use rainwater as a substitute for water from other sources. Our detailed assessments present outline designs & costs.

DATA ANALYSIS | Extract more value from your existing data to improve performance and reduce costs

Effective decisions can only be made with the right data analysis. Our data analysis skills can drive performance improvement in many industries.

PROJECT MANAGEMENT

We use the PRINCE2 project management technique in all our work and this ensures the very best quality of project delivery. We can manage all aspects of a project from initial feasibility studies to pilot trials.

SUPPLIER LIAISON

Water supply and effluent treatment are not the main business of many of our clients. We can help you to contact suppliers, issue and review tenders, select contractors and supervise pilot trials, commissioning and hand-over of equipment.

COST ESTIMATION

The cost of equipment needed to reduce water consumption or treat effluent is very important. We've compiled extensive records of capital and operating costs for a wide range of equipment. We've also adopted globally recognised standards for cost estimation so you can be sure our estimates are rigorous and plausible.

Straightforward water and trade effluent advice for commercial & industrial clients