

Reducing School Contractor Visits to Improve Security Risk for Legionella Risk Management and Control.

Security is paramount for managers of schools. Making sure all your contractors are DBS checked (Disclosure and Barring Service formally CRB) is a time consuming issue.

Most Legionella risk control programmes require monthly visits for water temperature checks and the flushing of infrequently used water outlets. Quite often this work is contracted out to specialists in Legionella risk control and management. This can mean that contractors have to visit the school to carry out the work during school term time and then security could become an issue.

Some schools try to manage the monthly monitoring in house, but experience shows that this is quite often less than satisfactory and compliance can be jeopardised.



Although outbreaks of Legionnaires' disease are rare, the aftermaths are real and can be devastating to those involved. It is essential that those responsible, satisfy their legal obligations to ensure that Legionella is not ignored and left unmanaged within their properties.

Fortunately, it is relatively easy to implement appropriate risk management strategies to ensure that the risk from Legionella is minimised. UK businesses require complete compliance in this area which is why those that fail to comply with the law can face hefty fines.

GES Water can provide a complete range of services to evaluate risk, instigate correct control and management programmes and staff training. If required, GES Water provide a range of remedial services such as cleans and disinfections, dead leg removals and temperature monitoring.

Remote Temperature Monitoring and Outlet Flushing

GES Water, a leading Legionella risk and control management company has a unique wireless system that can be easily fitted, providing remote temperature monitoring and outlet flushing totally autonomous without the need for contractor visits. This smart remote monitoring and flushing means that these are reduced, control is consistent and continuous and the reporting system can alert school management to problems as soon as they are evident.

The system is easy to install and is extremely cost effective compared to manual control with a sensible return on investment.



Remote Legionella Temperature and Automatic Flushing

Key Features

- ◆ Automatic flushing-react and flush-by-set commands.
- ◆ Temperature monitoring takes a temperature up to every single minute.
- ◆ Web-based monitoring gives you control from anywhere in the world.
- ◆ Frost protection and freeze alarm for extra security.
- ◆ Fault alarm for added peace of mind.
- ◆ Self-managing 'intelligent' software knows if water is stagnant.
- ◆ Economical to run means smaller bills.
- ◆ Two-way communication for data gathering and proactive control.
- ◆ Works with other monitoring systems and can evolve with them over time.



Return On Investment

- ◆ Reduction in labour cost for site visits
- ◆ Reduction in water usage
- ◆ Less false negatives with their associated costs
- ◆ Improved compliance, better control
- ◆ Low cost installation and supply
- ◆ Pay back from 12 months depending on system requirements

Main Benefits

SAVE TIME, SHRINK COSTS

Direct control and full automation means no more risk from sick days, holidays and unreliable contractors. It means complete compliance and improved cost-efficiency have never been easier to achieve

MAINTENANCE FREE

Our autonomous systems are entirely self-sufficient, and they'll even send full diagnostic reports to your desktop, tablet or mobile phone.

IMPROVED COST EFFICIENCY

Our fit-and-forget automated system saves man-hours, and this can save literally thousands of pounds in the long run. In fact, return on investment is typically seen within months of installation.

EASY RETRO-FIT

It's never too late to have our qualified technicians install a new system. Once fitted, its convenience, reliability and cost efficiency mean you'll never look back.

WIRELESS TECHNOLOGY

Our state-of-the-art wireless technology gives you web-based monitoring of multiple sites from anywhere in the world.

Is your Risk Assessment Current?

Although it is not mandatory for you to carry out a legionella Risk Assessment annually it is recommended that you either update your assessment or carry out a new one if:

- ◆ **There is major refurbishment of the water systems covered under the Risk Assessment**
- ◆ **If a new system is added to the Risk Assessment**
- ◆ **If the site responsible person changes.**

We would advise that the Risk Assessment is reviewed at least annually to confirm that the assessment covers the school water systems and audit the control and management programme to ensure that control measures are in line with your Risk Assessment requirements.

GES Water will be pleased to arrange a no obligation meeting to review your Risk Assessment and your control procedures.

Is your Legionella Sampling Representative?

It is not a mandatory requirement to take Legionella samples from every water system. It is normal however, as a part of Legionella Risk Management where risks are deemed high, to take Legionella samples from water systems.

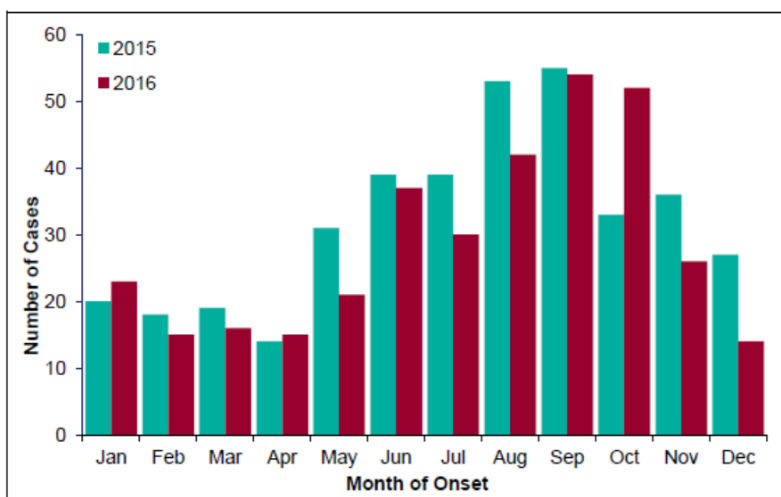
At a minimum, a cold water system with high risk should have a sample taken from the source (tank) and at least one sample taken from a sentinel point furthest from the source. If the distribution pipe work is complex then perhaps more than one sentinel point sample should be taken.

Similarly with a hot water system with high risk, one sample should be taken from the source calorifier and at least one from a sentinel point furthest from the source.

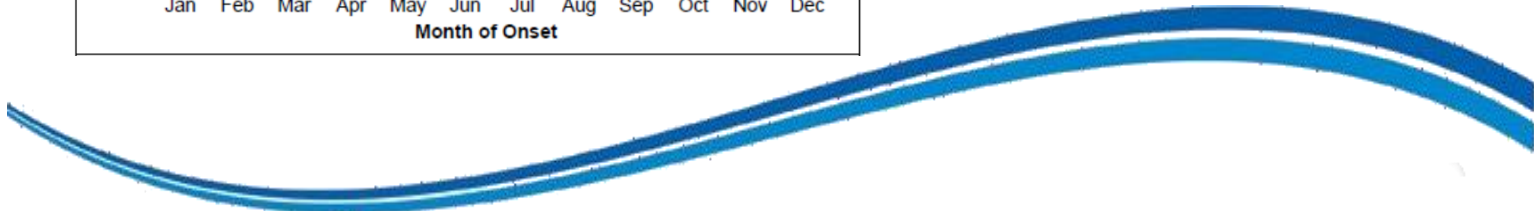
Make your sampling representative and effective. Do not just take samples for the sake of it.

GES Water can provide a UKAS approved sampling service for Legionella and Pseudomonas as required.

Latest Legionella Outbreak Update from UK Public Health Department Legionella monthly report



Legionella outbreak numbers continue to confirm that Legionella remains a concern in the UK. The outbreak numbers can be reduced with the best control procedures in place.



GES Water - Who We Are

GES Water is an independently owned business specialising in water hygiene & water treatment solutions. With national coverage across the UK and locally based service engineers & consultants, we can offer our client an unrivalled variety of services and solutions for the control & Prevention of Legionella.

With GES Water's history stretching back 25 years & continued success & growth across the UK, you can be confident that you will deal with a professional & reputable company.

As a member of the Legionella Control Association (LCA), we are committed to delivering high standards of service.

Our accreditations include:

- UKAS ISO 17020 for Inspections
- ISO 14001 - Environmental Management System
- ISO 45001 - Occupational Health and Safety Management System
- ISO 9001 - Quality Management Systems

GES Customer Relationship

GES will always provide the best advice and control procedures to our customers.

Our mission is to provide an unrivalled service within the water treatment & hygiene industry to ensure our clients receive innovative and cost effective solutions for the control & prevention of Legionella.

**Call us on 0800 121 8808 to speak with
one of our consultants for a free
no-obligation quotation, or email us at:
info@ges-water.co.uk**

Our Services Cover:

- ◆ Comprehensive Water Hygiene Risk Assessments in line with ACoP L8 and fourth edition HSG274
- ◆ Prevention & control measures
- ◆ Implementation & control precautions
 - Temperature monitoring
 - Water for pseudomonas, legionella and coliforms using an independent UKAS laboratory
 - Cleaning and disinfection of tanks, cooling towers, and incoming mains and associated hot and cold water pipe work
 - TMV installation and servicing
 - Swimming pool and hot tub Legionella control
 - Pre-commission cleaning
- ◆ Remote wireless temperature monitoring and automatic system flushing



- ◆ Dedicated logbook & record systems
- ◆ Audit & review services
- ◆ Legionella risk awareness training
- ◆ General Legionella and water treatment consultancy
- ◆ Remedial works
 - Pipe work modifications and tank replacements
 - Calorifier servicing
 - Dead leg removal
 - Scale and corrosion control of heating systems
 - General plumbing modifications
 - Supply and installations of water softeners and chlorine dioxide dosing systems