



**FACILITIES
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SOLUTIONS**

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Water Testing and Treatment

What does water treatment involve?

There are several different methods for treating water in a property and the type of treatment required will depend on the application and site owner's expectations.

Overall water treatment is the process in which the water is purified for better end use, which could be for drinking, industrial or medical use.


Continuation of normal water hygiene and treatment works needs to be regularly maintained and should include activities such as monthly temperature monitoring, quarterly showerhead descaling and regular tank inspections.

Legionella Testing

Stagnant, warm water is the favoured breeding ground of this infamous bacteria and is commonly found in empty buildings. Water outlets need to be used regularly in order to flush out a system and reduce the risk of contamination.

During periods of low occupancy, legionella water treatment is particularly crucial and needs to be increased in order to prevent Legionnaire's disease and reduce corrosion issues.





The following areas should be considered when assessing water system risk in your building, especially following periods of reduced use:

- **Increased flushing** – all outlets that have reduced use should be recorded and water regularly flushed until the temperature of the water reaches within 2 degrees of the temperature of the incoming mains water.
- **Cold Water Storage Tanks** – these should be turned over weekly or ideally every 24 hours to prevent stagnation from occurring.
- **Water Heaters** – if the hot water is not required in the building you could turn the water heater off without a water hygiene issue – when resuming service however we would recommend a pasteurisation is carried out.
- **Cooling Towers** - these need to be cleaned and disinfected prior to being returned to service.
- **Closed systems** - manual valve exercising should be continued as normal to ensure circulation is occurring in these systems and if you have a remote monitoring system installed it's vital you continue to monitor this and regularly check in with your account manager to ensure the systems are being maintained efficiently.

Water Softeners

Water Softeners are designed to remove the minerals that cause scale and scum to form from hard water, making it cleaner and more efficient for commercial or domestic use.

Softeners have grown in popularity as they can help you save money, improve your appliance efficiency, increase your appliance life expectancy, completely remove limescale and reduce cleaning time.

The salt level in the brine tank should be checked regularly and topped up where required.

Getting the right support and advice

The range of solutions available can often get confused or misrepresented and for this reason at FMS we offer customers a free no obligation quotation for our water treatment services.

We can provide a range of treatments including Legionella Testing whilst supporting you to adjust your maintenance regimes and providing you peace of mind that you are operating safely and legally.

If you would like more information on our water treatment services and the many ways we can support you in your ongoing maintenance of these services, please contact us on 01908 034040 or email info@fmsolutions.co.uk

