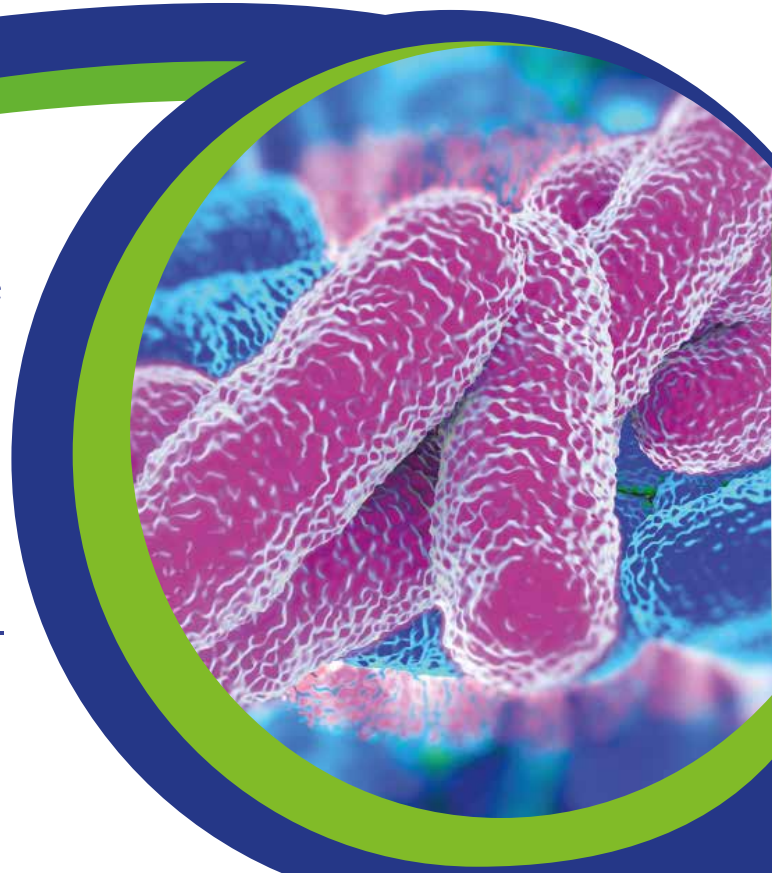


- Cooling tower systems provide an environment highly favorable to microbial growth (biofilms).
- Legionella pneumophila is known to colonize and grow in biofilms.
- Legionella pneumophila causes Legionellosis (Legionnaires' disease) and Pontiac fever.
- Infection is by inhalation of aerosols (< 5 µm).
- Prevention depends on good maintenance of cooling water systems.



## Conditions that stimulate Legionella growth in cooling water systems:

- Optimal water temperatures (20-45°C).
- Pockets of stagnant water.
- Scaling.
- Presence of biofilms.

## Service package includes:

Legionella Prevention



Biofilm Control



Biofilm Monitoring





# biosafe

A service of **H<sub>2</sub>O** Biofouling Solutions B.V.



## H2O Biofouling Solutions offers:

- A complete solution to biofouling control.
- Custom-tailored biocide dosing recommendations.
- Expert support from our worldwide service network.

## Prevention

By removing conditions favorable to microbial growth, legionella risks can be eliminated. H2O BFS offers expert service on biofouling control. We provide monitoring systems that track microbial activity. In addition, our expert team can assist in on-site implementation and evaluation of maintenance programs (e.g. biocide dosing regimes).



- H2O Office
- H2O Agent/Partner

**WORLDWIDE SERVICE NETWORKS**

