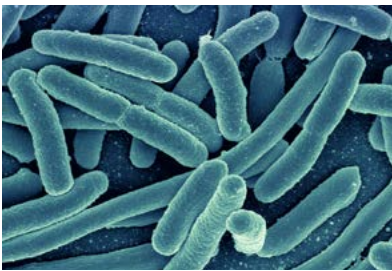


Larvik Municipality | Larvik, Norway

Larvik Municipality in Norway set out to improve Legionella prevention in its eleven nursing homes. By choosing Enwa's automated, chemical-free solutions, they achieved safe water quality, reduced costs, and long-term protection for residents.



“Automated Legionella control keeps our residents safe – efficiently and without chemicals.”



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About Larvik Municipality

Larvik Municipality in southern Norway, with more than 47,000 residents, owns and operates eleven nursing homes. In 2016, the municipality set out to improve Legionella prevention. Existing routines with thermal treatment and manual chlorination were ineffective, resource-intensive, and not supported by systematic risk assessments or sampling.

Our Delivery

Choosing Enwa as partner

To meet regulatory requirements and protect residents, Larvik Municipality launched a tender for automated Legionella control. Key criteria were cost efficiency, proven technology, chemical-free disinfection, and strong service support. Enwa Norway was chosen as the supplier.

Immediate measures where needed

Enwa quickly carried out risk assessments and sampling in all 11 facilities. In two homes with high Legionella concentrations, Enwa Apurgo silver- and copper-ionization systems were installed, providing rapid results without the need for shutdowns or high-dose chemicals.



Larvik Municipality | Larvik, Norway

A sustainable long-term solution

In the remaining nine facilities, Enwa h2oTitanium AOP systems were installed at the water inlets. Using hydroxyl radicals and UV treatment, these units disinfect all incoming water without chemicals, while also preventing biofilm and other pathogens.

Safe, efficient, and environmentally friendly

“By developing risk assessments for all our nursing homes and installing automated Legionella control systems, we now have this issue under control. We have reduced costs in time and energy, and we follow up every building with regular water sampling. This ensures our elderly residents are protected in an environmentally friendly way, in line with public requirements” says Svein Morten Sørensen, Building Coordinator.

CHALLENGES

- Ineffective thermal & chlorine treatment
- Time-consuming manual routines
- Lack of systematic risk assessment

SOLUTIONS

- Enwa Apurgo ionization systems
- Enwa h2oTitanium AOP units
- Automated, chemical-free disinfection

INTERESTING PARTS OF THE DELIVERY

- Rapid results without shutdowns
- Full risk assessments for all eleven homes
- Lower costs in time and energy use