



Application: Disinfection of drinking water and complete water supply for Legionella prevention.

Location of the installation: Hospital Universitario la Merced, Osuna, Sevilla.



Hospital Universitario la Merced

Type of the EnvirolYTE equipment: ELA - 2000ANW.

Volume of the treated water: 600m³

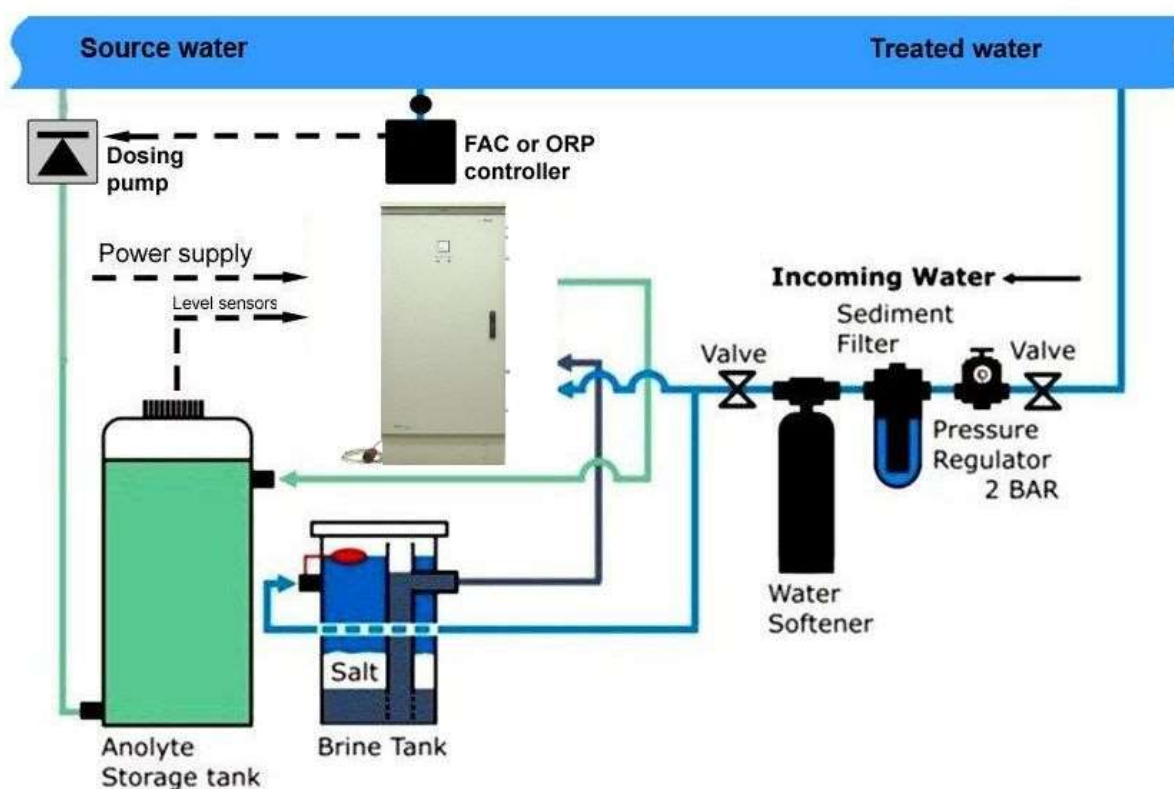
Dosing ratio: 1-2 ppm after injection



EnvirolYTE ELA - 200ANW with brine tank, storage tank and water softener

Previously used disinfection technology: chlorination with sodium hypochlorite

Below can be seen a schematic of the systems layout



The reported benefits of using Envirolite water disinfecting technology

Safety

- no danger of chlorine gas explosion and hazards associated with transportation of lique hypochlorite;
- no need to mix or dilute hazardous chemicals;
- environmentally friendly solution

Efficiency

- elimination of biofilms and inactivation of pathogenic microorganisms including Legionella species, and nil bacteria counts
- creates a longer-lasting residual than traditional chlorination, often at a lower dosage
- right dosage;
 - corrosion is reduced
- significant reduction of Trihalomethane and other DBP

Cost reducing

- Envirolite system is fully automatic and only requires a minimal operator attention;
- no need for transport, handling or storage of chlorine gas or hypochlorite;
- on site installation in close proximity of urban population;