



Application: Disinfection of public water system.

Location of the installation: Mayfair Hutterite Colony, Killarney, Manitoba, Canada



Mayfair Hutterite Colony

Colony population: ~140 people.

Drinking water consumption: ~ 30 m³/day.

Previously use technology: None

The reasons for switching to new technology: Needed Potable Water disinfection and proper water line maintenance.

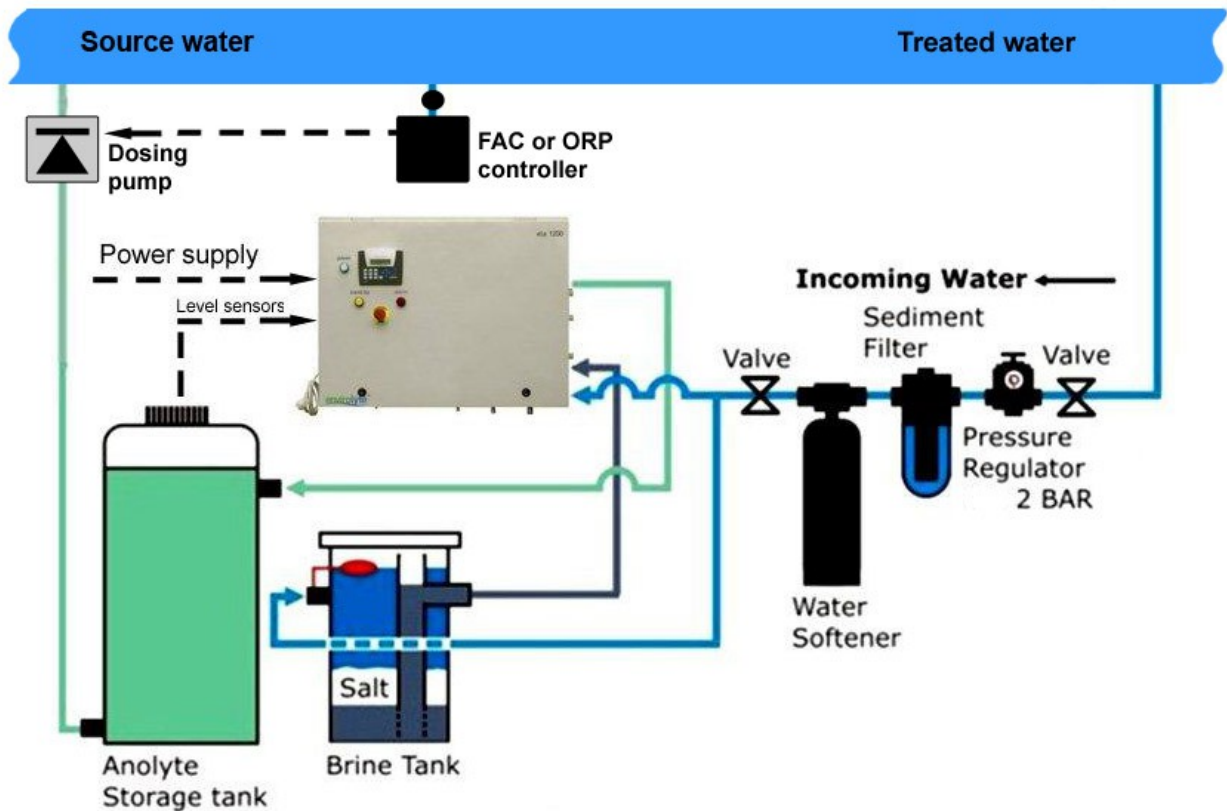
Dosing method: Proportional to flow via flow meter at 1 : 500 ratio into storage reservoir

Type of the Enviolyte equipment: ELA - 900



Enviolyte ELA-900 generator with water softener, brine and anolyte storage tanks, dosing pump and flow meter

Below can be seen a schematic of the systems layout



The reported benefits of using Enviolyte water disinfecting technology :

Safety

- no dangers and setbacks associated with chlorination and/or hazards associated with transportation of the toxic substance
- no need to mix or dilute hazardous chemicals
- environmental 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, no more no less – corrosion is reduced
- significant reduction of Trihalomethane and other DBP

Cost reducing

- Enviolyte 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

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