



Implementation of water quality telemanagement monitoring system



DESCRIPTION

Drinking water must be disinfected, under RD 140/2003. The habitual disinfection method is based on chlorination. Current legislation requires the presence of disinfectant in drinking water, which must be monitored (continuous measurement) in order to guarantee its permanent drinkability.

The current state of communications technology enables the monitoring of water quality variables in key points in the facilities and in the distribution network.



ACTIONS

- Installation of measurement elements.
- Design and analysis of the positioning of the elements that make up the monitoring and control infrastructure.
- Installation of the infrastructure's elements.
- Commissioning of the facility.



OBJECTIVES

- Installation of water quality variables (free chlorine, temperature, pH, etc..) telemetry equipment.
- Design, installation and commissioning of the necessary monitoring infrastructure.



Target

Public administrations, public companies and municipalities with competencies over the service.



RESULTS / BENEFITS

- Availability of periodic information on the facility's variables.
- Creation of 24-hour alarms for any deviation in the normal operation of the system.
- Comply with current legislation.
- Health guarantee to the population.

