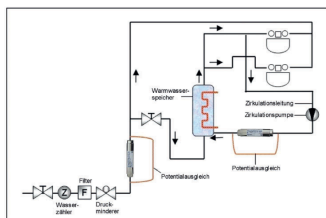


C A S E S T U D Y



Cathodic Protection Prevents “Red Water” in Apartment Buildings Germany

OVERVIEW

For Many Years, since the end of the 1980’s, tenants have complained about “**Red Water**” which is a sign of corrosion in the drinking water system of the WOBAK complex of 3,700 apartments in Konstanz Germany.

WATER SYSTEM CHALLENGES

Since the 1990’s, WOBAK engineers have tested many technologies to eliminate corrosion in the water system; among them pumping water from over 40m depth in the local lake (to minimize oxygen levels), implementing sand filtration as well as micro-filtration, and various other techniques including **electronic** and **magnetic** conditioning.

SOLUTION

In 2000, WOBAK cooperated with **ScaleBuster®** for an installation of **ScaleBuster** conditioners in 70 apartments for a long-term pilot. The **ScaleBuster** conditioners were installed in main water inlet pipes (after a filter) and before water heaters. The “red water” phenomenon had vanished in a few days! The Engineers have followed the pilot for many months before presenting a decision.

Following the success of the limited pilot, more **ScaleBuster®** water conditioners were installed across the housing complex. *“Compared with all other options we have considered – this was the best, installation is quick and simple, Capital Expenditure is lower, there are no operation and maintenance costs, the Zinc anode is warranted for over 5 years – no other manufacturer stands for so many years behind their technology!”*

ABOUT THE TECHNOLOGY

The patented **ScaleBuster®** technology completely replaces traditional chemical treatment; providing control of scale and corrosion in various water process systems to create an exceptionally clean system. This dramatically reduces energy and water consumption, while reducing or, in certain cases, eliminating toxic water discharge to the environment.