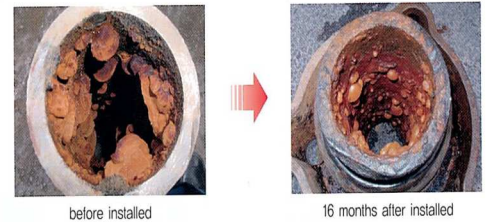


C A S E S T U D Y Yongin City, South Korea

OVERVIEW

City officials were aware of rust and scale build up in piping network, and had many complaints of rust in Tanks, toilets and faucets.



before and after (16 months)

WATER SYSTEM CHALLENGES

Water is supplied to every house and building around the city through a network of pipes that are sometimes 30 to 40 years old (or even older, in some places). These pipes are corroded with significant rust and calcification internally, resulting in obstructed water flow throughout the pipe network. Under these conditions, expensive repairs or even replacement became necessary on a regular basis.

SOLUTION

First **ScaleBuster®** water conditioners were installed in October 2003 in various sites (photos on left).



Chobu-ri, Malyeon-myeon(2800)

Sangye-ri Paga-myeon(2100)



in front of Myeongji University

At the intersection of Myeongji University



in front of Singyeong Apartment

Saejam-r(2850*2)

RESULTS

16 months after first installations the city engineers confirmed that rust was converted to magnetite and scale build up within pipes were removed. Additional installations were done (in September 2007, October 2007, June 2008 and July 2009) in more locations within the city network.

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.