

C A S E S T U D Y

AGUAS DE SALTILLO (SALTILLO WATER WORKS) N.L., MEXICO

OVERVIEW



Saltillo (population 80,000) is the capital and largest city of the northeastern Mexican state of Coahuila. The city is located about 400 km (250 mi) south of the U.S. state of Texas, and 90 km (56 mi) west of Monterrey, Nuevo León, Mexico.

WATER SYSTEM CHALLENGES

City water has high hardness which coats the internal water system with scale, causing water flow restrictions, a lot of maintenance work as well as high volume of complaints to the municipality. Older sections of the piping network are heavily scaled up, new or replaced sections tend to scale up in a few short months after initial installation.



SOLUTION

In February 2015 a **ScaleBuster®** SB125-EF-16 water conditioner was installed in a strategic location in the water supply network, along with 2 test sections (old pipes and new sections) downstream from the conditioner. The test sections were monitored after 6, 8 and 11 months.

RESULTS

Following the installation of the **ScaleBuster** conditioner, Water Works personnel had monitored these test pipes for almost a year and in the end of the pilot period had concluded that the **ScaleBuster** had eliminated scale problem for new or newly-replaced pipe sections, and in the older parts of the system reduced the existing scale formation (some scale deposits were dissolved, some flaked off the old pipes and that was easily flushed out). Water Works personnel had said that not only that their maintenance cost had decreased, but also the customer complaints were incredible less in the pilot zone vs. other parts of the city and also vs. past periods.

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.

