



# CASE STUDY



## Protecting Domestic Hot Water Systems at Iowa State University

### Problem Identified

Iowa State University (ISU) was faced with the following water quality challenges across their domestic hot water system:

- Chronic Line-Scale Buildup
- Hard, High-pH Municipal Water
- Frequent Heat Exchanger Failures
- Inoperable Valves
- Restricted Piping



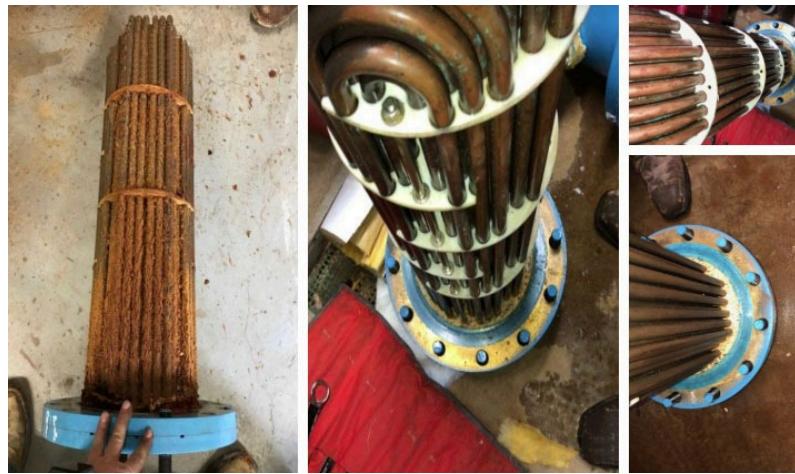
### Solution & Results

To reduce scaling without introducing additional chemical risk, ISU implemented **EasyWater's No-Salt Conditioners** in one residence hall as part of a controlled side-by-side comparison.

BEFORE: Scale Build-Up Prior to EasyWater No-Salt Conditioner Treatment

Within just six months, the results were clear:

- Treated System Showed Virtually No Scale Accumulation
- Untreated System Led to Complete Heat Exchanger Failure



LEFT: 6 Months Later Without EasyWater Treatment RIGHT: 6 Months Later After EasyWater Treatment



## EasyWater No-Salt Conditioner

### SCALE BUILD-UP LEADS TO:

- Continued repairs or replacement
- Increased energy costs
- Reduced water flow
- Equipment downtime

[\*\*EasyWater No-Salt Conditioner\*\*](#) is a maintenance-free solution to prevent scale build-up from forming and reduce existing scale build-up without the need for salt or chemicals.

### PROGRESS SINCE REDUCING CHEMICAL USAGE

-  Protection of Critical Assets
-  Reduced Maintenance Burden
-  Long-Term System Reliability

Encouraged by the results, the university is now expanding this solution across campus.

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Interested in protecting domestic hot water systems from scale, corrosion, and premature failure?

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