

Franklin County Juvenile Detention Center Columbus, Ohio

Special Installation



OVERVIEW:

Scale, rust and corrosion in the domestic hot water lines caused this institutional facility's water to run red. Maintenance personnel used a chemical to encapsulate the build-ups at a cost of approximately \$1,300.00 per month. Third parties had quoted line replacement at \$270,000.00. Each of three water heaters required descaling every three months.



ACCOMPLISHMENTS:

We installed a treatment system (scale control and filtration) on the circulating lines and the water heaters. The system removed existing scale, which was encapsulating the rust and corrosion, and the filtration removed the particulates and rust. This eliminated the need to replace the plumbing lines. Since our scale control and filtration system was installed in 1995 the water heaters have not needed acid cleaning or scale removal.