



Soft water throughout the facility reduced service on boilers, domestic hot water heaters, cooling towers and reduced maintenance/replacement of stainless steel fixtures, drain screens, etc.

Customer: Correctional Facility, Canada

Description of Business: Provincial institution, housing approximately 1500 male and female inmates. Existing customer for 15 years.

Contact: The government organization that manages the property.

The engineer that the government hired for the project.

The company that installed the equipment (actual purchaser of the product).

Situation/Problem:

- The correctional facility has 25 grain hard water.
- They had a softener system with 8 different install locations. Six were outdated and needed to be replaced. They agreed to also replace the other 2 locations that had non-Culligan equipment.
- The hard water had caused so much damage to their massive boilers that they needed to be replaced.
- All drains, toilets, etc., in prisons need to have stainless steel grates to prevent inmates from hiding dangerous objects. Shower stalls need to be stainless steel, as well, since tile is sometimes broken off and used as weapons. Hard water eats away at stainless steel, and the cost to replace would be enormous.



better water. pure and simple.™

Solution: Multiple Water Softeners

Equipment Installed:

- Quad Plex Softeners
- Duplex Softeners
- 6 x Triplex Softeners
- Custom Built Central Brine Pumping Station

Results/Customer Benefits:

- Soft water throughout the facility reduced service on boilers, domestic hot water heaters, and cooling towers.
- Reduced maintenance/replacement of fixtures, drain screens etc.
- The facility realized a significant reduction in overall maintenance costs related to hard water problems.
- Brine reclaim -
Quad Plex was installed in main boiler room using brine reclaim to reduce salt consumption. They typically used 15,000 lbs. of salt per month. They estimate the savings to be approximately 25%. All systems designed using progressive flow to reduce pressure loss. New brine pumps are designed by Grundfos for salt water applications and constant running, thus eliminating breakdowns and maintenance.

Culligan Advantages:

- Consultative sales process – taking the time to understand the needs of the customers.
- Ability to accurately size the equipment through proprietary Culligan software.
- The dealership's track record of great service.

