

Correctional Facility

Customer

Correctional Facility, Canada

Industry

Government

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)

Description of business

Provincial institution, housing approximately 1500 male and female inmates

How they heard about us

Existing customer for 15 years.

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 Six were outdated and needed to be replaced.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.

Solution

Multiple Water Softeners

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Equipment installed/services implemented

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

Results/Customer Benefits

- Soft water throughout 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.

The Culligan logo is written in a blue, cursive script font. The letter 'i' in 'Culligan' has a small leaf-like shape above it. A registered trademark symbol (®) is located at the end of the word.

better water. pure and simple.™