

(i) Chloride Source Reduction Program.

(1) Authority. The City is authorized to develop and enforce specific standards or requirements to regulate the Discharge of chloride from Industrial, Residential and Commercial sources pursuant to Wis. Admin. Code NR 106.92.

(2) Source Reduction.

(A) Water Softeners. All Residential, Commercial and Industrial Users installing new or replacement ion-exchange water softeners used primarily for water hardness reduction that, during regeneration, Discharge a Brine solution shall install a ~~high-efficiency~~ demand-initiated regeneration-type softener equipped with a water meter or a sensor, and having a hardness exchange rating of at least 4,000 grains of hardness exchange per pound of salt. At the time of installation, all new or replacement softeners shall be optimized for salt usage in accordance with subsection 29.08(i)(2)(B), below, which shall include adjustment of settings to achieve the minimum hardness exchange rating above.

(B) Softener Salt Optimization. All ion-exchange water softeners used primarily for water hardness reduction that, during regeneration, Discharge a Brine solution shall be optimized for salt usage in accordance with performance standards approved and published by the Board of Public Works. A fee may be charged to the softener owner or user for each optimization. Once optimized, each softener shall be maintained at optimized settings. The Control Authority may order additional optimization adjustments to meet chloride source reduction program requirements.

(C) Significant Sources. All significant chloride sources such as Commercial, Industrial, and other high-volume water Users as designated by the Control Authority shall evaluate their water treatment Systems with regard to softened water requirements, and where feasible upgrade current water softeners by adding a Brine reclamation System. This requirement shall also apply to new significant sources.

(D) Hauled Waste. Acceptance of any significant hauled chloride sources such as Brine from salt storage structures or areas may be restricted or denied at the discretion of the Control Authority.