

# SCALE BLASTER™

THE WATER SOFTENER ALTERNATIVE

## APPLICATIONS

Waste Water Treatment



# Waste Water Treatment Applications

## Chlorine Injections pumps / Pump deposits

Pumps that are used to feed chlorine into the treatment stream become full of lime scale deposits and must be cleaned. The **ScaleBlaster System** will keep scale particles suspended in the fluid and off of the pump surfaces.

## Nitrate / Nitrite Removal Resin Bed

The **ScaleBlaster System** will keep the calcium carbonate ions in solution, preventing the calcification of the resin bed and the formation of channels in the bed that lead to ineffective treatment.

## Pumps, Filters, & Sensors

The **ScaleBlaster System** will keep the scale particles suspended in the fluid and off of the equipment surfaces.

## Downstream of removal system

The **ScaleBlaster System** will protect the discharge line, keeping it free of lime scale caused by heavy concentrations of the calcium carbonate.

## Lime or Soda Ash Treatment

Soda ash is the most commonly used treatment for a low pH reading in wastewater stream. It is inexpensive, safe and able to be released without EPA concern. Soda ash, by the way, is raw, uninhibited scale, by nature.

## Mixing Tank

Using lime to treat high pH water or soda ash to treat low pH water can present some of the greatest scale control challenges in the industry. The lime or soda ash is mixed with water to form a slurry and then is pumped into the water to be treated. The mixing tank is prone to scale deposition on the sides and the mixing propeller gets scale buildup, too. The **ScaleBlaster System** can treat the water to be mixed and will keep the tank sides and propeller clear of lime scale buildup.

## Slurry pumps

The pumps used to push the slurry into the water stream are subject to lime scale buildup to the extent that two pumps are needed – one to pump while the other is being cleaned. The **ScaleBlaster System** placed on the suction side of the pumps will prevent scale deposition on the pumps. The savings in labor will help pay for the system itself in no time at all.

## Environmental issues

Environmental issues and the “going green” movement in the world today is more important of an issue than ever before. **ScaleBlaster** is the ideal environmental product.



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