

## Challenge

### Background

The water level control gate at the dam is chain actuated, and the chain was heavily contaminated. As a result, the chain did not run smoothly and efficiently.



*The chain was heavily contaminated.*

## Solution

### Product

A 10% concentrate of biodegradable **Chesterton 803 IMS II** was applied to the chain. The biodegradability of the cleaner minimized waterway contamination. **Chesterton 601 Chain Drive Pin and Bushing Lubricant** was applied to provide penetrating lubrication, and **Chesterton 715 Spraflex® Gold** was applied for exterior lubrication and corrosion protection.

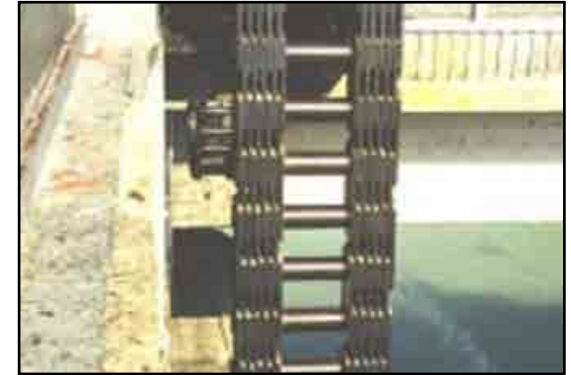


*Three products cleaned and restored the chain.*

## Results

### Savings

**803 IMS II** effectively cleaned the contaminated chain, and **601 Chain Drive Pin and Bushing Lubricant** penetrated the pins and bushings of the chain to clean and lubricate the close tolerances. **715 Spraflex® Gold** provided excellent protection against corrosion and deposits on the exterior of the chain. The chain is now running more smoothly and efficiently.



*The chain is distinctly improved.*