



## CASE STUDY

Manufactured Since 1942 by: Apex Engineering Products Corporation

**RYDLYME**  
World's Leading Biodegradable Descaler

# STRUVITE REMOVAL FROM HEAT EXCHANGER

A Midwest wastewater treatment plant was experiencing struvite buildup in their heat exchanger as well as the 62' of 6" piping. Struvite not only reduced heat transfer inside of the heat exchanger, but also reduced flow! The struvite also prevented various 6" check valves and 6" plug valves from being able to close and seat properly.

The solution was **RYDLYME**! The system was flooded with 330 gallons of **RYDLYME** and water. **RYDLYME** was circulated throughout the system and the results are as expected - struvite is no match for **RYDLYME**! The staff of the wastewater treatment plant are very happy with the performance and safety of **RYDLYME**.



### CHALLENGE

Struvite had restricted flow and heat transfer in a heat exchanger, 62' of 6" piping and various check/plug valves. The various valves were unable to close or seat correctly.

### SOLUTION

(1) 330 gallon tote of **RYDLYME** and water were circulated throughout the struvite ridden piping and heat exchanger system.

### RESULTS

After the **RYDLYME** cleaning, the plant was able to close and seat the various valves correctly and optimal flow and heat transfer was returned to the equipment!