



CASE STUDY

Manufactured Since 1942 by: Apex Engineering Products Corporation



DISTRICT WWTP CENTRIFUGE CLEANING

A Midwest wastewater treatment plant experiencing struvite buildup on their centrifuge systems turned to **RYDLYME** Biodegradable Descaler as a solution to remove the rapidly growing scale buildup. Their previous cleaning method consisted of personnel utilizing hand chisels which proved to be a strenuous task and not very effective. For the **RYDLYME** cleaning, the basin of the horizontal centrifuge was filled with a 20% **RYDLYME** solution and then the centrifuge was set to rotate at 5RPM. The unit was inspected 16 hours later.

The wastewater treatment plant personnel were extremely impressed with the **RYDLYME** cleaning results! After the cleaning, the centrifuge looked brand new. **RYDLYME** was able to remove buildup from areas/crevices that were utterly impossible to access via mechanical cleaning methods.



Centrifuge Before



Centrifuge After

CHALLENGE

Thick deposits of struvite had accumulated on numerous centrifuges at a district wastewater treatment plant.

SOLUTION

A 20% solution of **RYDLYME** was added to the centrifuge basin and the centrifuge was set to 5RPM to rotate for 16 hours.

RESULTS

After the **RYDLYME** cleaning, the plant was extremely impressed with the results! The plant saved time and effort using **RYDLYME** instead of using mechanical cleaning methods.