



CASE STUDY

Manufactured Since 1942 by: Apex Engineering Products Corporation



WWTP PIPELINE DESCALING

A wastewater treatment plant in Canada was facing a major operational setback: a 1.5+ mile long underground pipeline had become severely restricted by mineral scale buildup. Traditional cleaning methods like hydroblasting and flushing were attempted but failed due to the pipe's length, depth, and complexity of the scale deposit. The plant turned to **RYDLYME** Biodegradable Descaler to dissolve the scale deposits and return the pipeline to like new flow.

A total of 32 totes were applied at a 25% concentration, strategically introduced at the lowest elevation to fill the pipeline completely and eliminate air pockets. The results were immediate — the scale was fully dissolved, and the pipeline was restored to optimal flow. What seemed like an insurmountable issue was solved efficiently, safely, and without excavation, making **RYDLYME** the plant's go-to solution for tough descaling challenges.



CHALLENGE

A Canadian wastewater treatment plant (WWTP) was facing severe flow issues in a 1.5-mile-long underground pipeline.

SOLUTION

After unsuccessful attempts with alternative methods, the plant turned to **RYDLYME** Biodegradable Descaler. A total of 32 totes of **RYDLYME** were applied at a 25% concentration.

RESULTS

Following the **RYDLYME** soak and flush procedure, the underground pipeline was completely restored to full flow capacity. Operators reported immediate and dramatic improvement in performance, with no signs of blockage or restriction!

