

Steel Mill Treated Water Pipeline Leak Repair



PROBLEM

In 2006, a steel mill was losing 50 to 70 gallons/minute on a 10 inch chemically treated water pipeline. This leak was costing the plant almost \$4,000 a day in chemical treatment costs.

They attempted to use a mechanical clamp, but because they were not able to get a tight seal and the repair clamp didn't work, the pipeline continued to lose water at very high rate. The pipe went from 10" to 8".

They called Unconventional Solutions to determine if the repair could be made in place.

SUBSTRATE

Metal

PRODUCTS USED

[RESIMETAL 103 Metal Repair Stick](#)
[RESIMETAL 108 Pipe Repair Tape](#)

SOLUTION

Unconventional Solutions was able to accomplish this by using [Resimetal 103 Metal Repair Stick](#) in conjunction with [RESIMETAL 108 Pipe Repair Tape](#) to seal the leak in the pipe and bring the water loss to a stop.

The steel mill was very pleased with our ability to deliver the product as well as train their employees to make the repair in house. They continue to use [RESIMETAL 103 Metal Repair Stick](#) and [RESIMETAL 108 Pipe Repair Tape](#) on numerous other repairs and keep all sizes in stock to make permanent and emergency repairs.

As of 2018 the repair was still in service giving the client 12 years of service. It might still be in service today but Warren Miller has since retired.