



## Project: Emergency Pipeline Leak Repair

### The Problem

This 48" forced main at a Waste Water Treatment Plant had sprung this large leak and several smaller leaks.

RPT was asked to fix the problem.



### The Solution

Once the pump was shut down, RPT manually cleaned the pipe surfaces to a SSPC-SP10 finish.

A metal plate was manufactured to cover the leak area and **Thortex Metal-Tech EG** used to fix it in place. A reinforcing metal band was used to secure the repair plate and 250 mils of **Thortex Metal-Tech XG** was then applied. Reinforcing mesh was embedded into the product followed by another 250 mils of **Thortex Metal-Tech XG** and an additional layer of reinforcing mesh.

A 30 mil top coat of **Thortex Cerami-Tech FG** was applied to protect the pipe against future impact and chemical damage.