

Waste Water Treatment Facility Saves Main Sewage Pipe

This 96 inch raw sewage force main, located at a waste water treatment facility in the Northeastern United States, had been eroded internally due to years in service.

Faced with the threat of leaking raw sewage, the plant engineers contacted their local ENECON Field Engineer to provide a solution. After careful inspection, as much as 1/3 of the pipe's thickness in some places had been lost to erosion.

Fearful that grit blasting may cause further damage, the pipes were roughened mechanically.

An application of **CeramAlloy CP+AC** and **CeramAlloy CL+AC** was carried out followed by a wrapped layer of fiberglass mesh to reinforce the repair and enhance the pipe's structural integrity. A second application of **CeramAlloy CP+AC** and **CeramAlloy CL+AC** was then applied to complete the repair.

The plant engineers were very pleased with the outcome of this particular ENECON application - which reduced the potential of raw sewage leaks as well as extended the life of the force main.



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