



INTERNAL PIPE HydraTite® JOINT SEAL

Market

Water & Utilities

Challenge

A 120" distribution pipe with five aging pipe joints had become separated at a water pump station. Some joints had separated as much as five (5) inches. The station was concerned that there would be a failure of the joints if the problem was not corrected.

Engineered Solution

Two of the five pipe joints showed leakage. A solution was needed to eliminate leakage, while not excavating the site. A relatively low-cost solution was proposed to use grout and two of the HydraTite Internal Pipe Joint Seals.

Scope

Concrete grout was applied to all five joints. The two joints that were leaking had the HydraTite seal installed. To limit downtime, the scope of the project was scheduled for a five-day shutdown.

Solution

The grout and installation of the HydraTite seals were complete over 3 days. Leakage at the pipe joints was eliminated on time and within budget.



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